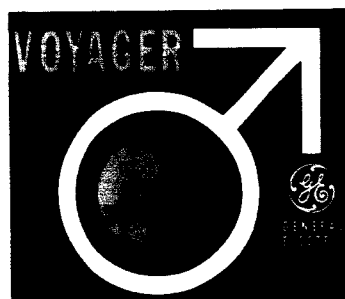
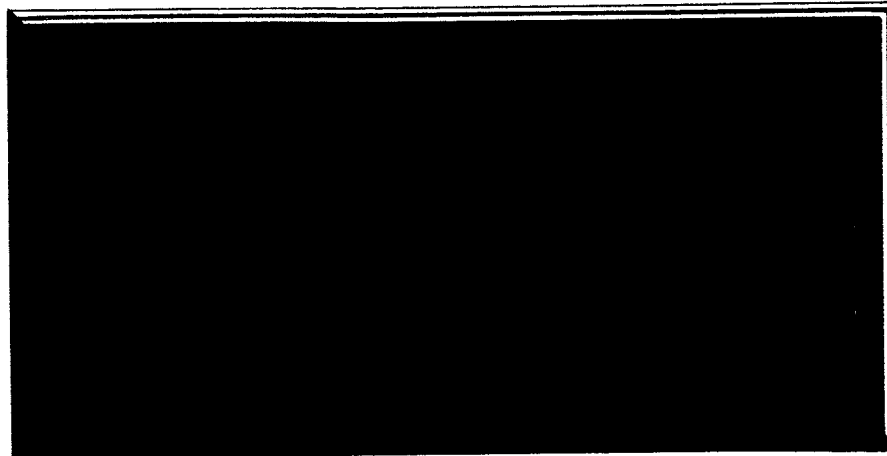


MISSILE AND SPACE DIVISION



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DOCUMENT NUMBER VOY-CO-FR
28 JULY 1967

VOLUME 5
DATA MANAGEMENT STUDY

APPENDIX I
CONTRACTOR DATA PACKAGE
OVERALL MANAGEMENT(MA),SCHEDULING(SC),
MANNING AND FINANCIAL (MF)

PREPARED BY:

R. GINSBERG
C.H. SELLS
W.S. ROSOWSKI

PROGRAM MANAGEMENT
VOYAGER SPACECRAFT SYSTEM PROJECT

APPROVED BY:

A. Frank

A. FRANK, COGNIZANT ENGINEER
DATA MANAGEMENT AND CONTROL TASK
VOYAGER SPACECRAFT SYSTEM PROJECT

PREPARED FOR

JET PROPULSION LABORATORY
CALIFORNIA INSTITUTE OF TECHNOLOGY
4800 OAK GROVE DRIVE
PASADENA, CALIFORNIA

UNDER JPL CONTRACT NO. 951112

GENERAL  ELECTRIC
MISSILE AND SPACE DIVISION
Valley Forge Space Technology Center
P. O. Box 8555 • Philadelphia, Penna. 19101

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6 DATA ITEM PHASING/FREQUENCY	6-1

INTRODUCTION

This appendix presents the Contractor Data Package (Data Item Matrix, Data Requirement Descriptions, User Flow Diagram, Document Relationship Tree, and Frequency and Phasing Charts) for overall Management (MA), Scheduling (SC), and Manning and Financial, which are defined as follows:

- a. Overall Management. These data include those required to plan, review, and control Voyager activities from an overall management standpoint.
- b. Scheduling. These data define and specify all major milestones, key events and schedules. PERT and SARP documents are included.
- c. Manning and Financial. These data include those used to plan, review, control, and report manpower and financial resources in support of Voyager.

The complete list of Contractor Data Package appendixes is as follows:

- Appendix A - Technical Description and System Engineering (SE)
- Appendix B - Planetary Quarantine (PQ)
- Appendix C - Manufacturing (MG)
- Appendix D - Configuration Management (CM)
- Appendix E - Quality Assurance (QA)
- Appendix F - Test (TE) and Mission Operations (MP)
- Appendix G - Reliability Assurance (RA)
- Appendix H - Logistics and Support (LS)
- Appendix I - Overall Management (MA); Scheduling (SC); and Manning and Financial (MF)
- Appendix J - Procurement and Contracting (PC)
- Appendix K - Data Management (DM)
- Appendix L* - Facilities (FA)
- Appendix M* - Safety (SA)
- Appendix N* - Site Activation for Launch (AL)
- Appendix O* - Science (SI)
- Appendix P* - Related Project Interfaces (RP)
- Appendix Q* - Advanced Missions (AM)

*Appendixes L through Q prepared under Contract NAS7-584.

DATA ITEM NUMBER	1 of 3 DATA ITEM <u>OVERALL MANAGEMENT</u>	DESCRIPTION
	<u>DIRECTIVES</u>	
MA-001	*Project Change Notice	In-house communication of customer/GE management direction.
MA-002	*Project Funding Instruction (PFI)	In-house allocation of tasks thru cost account level, effort, schedule, manpower, cost, performing oper
MA-003	Project Policies, Procedures, and Directives	File of policies, procedures, and directives pertain Voyager Project.
MA-004	*Department Policies, Procedures, and Directives	File of policies, proecdures, and directives pertain administration.
	<u>LISTS</u>	
MA-005	List, Priority Action Items	Formal establishment, between customer and GE, c for required actions.
MA-006	*List, Action Items	Detailed action items required to assure meeting of
	<u>PLANS</u>	
MA-007	Plan, Project Implementation	Total project plan comprising all functional and ope
MA-008	Plan, Project Control	Plan for conducting of project control activities inc and reporting of cost, schedule, technical status of
MA-009	Plan, Organization	Defines GE management and operational organizati responsibilities established and maintained to meet

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	SA
t changes or	U	U	U	U	U	U	U	U	A	U	U	U	U	U	U	U
identifies technical tion, etc.	U	U	U	U	U	U	U	U	A	U	U	R	U	U	U	U
ng to conducting of	U	U	U	U	U	U	U	U	PM	U	U	U	U	U	U	U
ng to company	U	U	U	U	U	U	U	U	PM	U	U	U	U	U	U	U
f project priorities	U	U	U	U	U	U	U	U	PM	U	U	U	U	U	U	U
subtask milestones.	U	U	U	U	U	U	U	U	A	U	R	U	U	U	U	U
rating plans.	U	U	U	U	U	U	U	U	PM	U	U	U	U	U	U	U
uding planning, monitoring, all project elements.	U	U	U	U	U	U	U	U	PM	R	U	R	U	U	U	U
n, including key personnel, project objectives.	U	U	U	U	U	U	U	U	PM	U	U	R	U	U	U	U

U - USE R - REVIEW AUTHORITY A - APPROVAL AUTHORITY PM - PROJECT MANAGER APPROVAL

				APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS						APPLICABILITY TO PROJECT BOARDS											
				PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION	
AL	SI	RP	AM																		
-	U	-	U	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	U	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	U	(S)	(S)	(S)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	U	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	U	S	S	(S)	NA	(S)	(S)	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	U	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
U	U	-	U	S	(S)	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
U	U	-	U	S	(S)	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
U	U	-	U	S	(S)	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	

DATA ITEM NUMBER	2 of 3 DATA ITEM <u>OVERALL MANAGEMENT</u>	DESCRIPTION
	<u>PLANS</u> (Cont'd)	
MA-010	Plan, Project Communications	Defines approach to assure rapid and accurate formal communication with GE and across customer and subcontractors.
MA-011	Plan, Security	Defines plan for meeting both government and industrial requirements.
MA-012	Plan, Facility	
MA-012	Plan, Facility	Defines total facility requirements and the plan to meet them in order to meet spacecraft contractor project objectives.
MA-025	Plan, Contingency Operation	Plan for contingency project operations in the event of a major disaster (e.g., serious fire, earthquake.)
MA-013	Report, Final Project	Final report prepared at completion of work summarizing accomplishment under the contract.
MA-014	Report, Project Review	Report summarizing activities and results of period.
MA-015	Report, Project Problem/Action (Red Flag)	Communication alerting customer and GE project manager of serious problems (with proposed solutions) that will delay progress unless resolving action is taken promptly.
MA-016	Report, Project Progress (Monthly)	Provides monthly documentation for customer information on significant project activity during the reporting period.
MA-017	Report, Project Review Schedule and Agenda	Used to obtain customer concurrence on dates and format for formal project review meetings.
MA-018	Report, Film	Film report covering overall program status for the period.
MA-019	Report, Quarterly, Written	Formal documentation of overall project status for quarterly summation of project progress (from the "Project Reports").

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL																
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	SA	
nal and informal com- ntractor interfaces.	U	U	U	U	U	U	U	U	PM	U	U	R	U	R	-	-	
trial security requirements.	U	U	U	U	U	U	U	U	PM	U	R	U	U	U	U	U	
	U	U	U	U	U	U	U	U	A	U	R	U	U	U	R	U	
satisfy them ctives.	-	-	U	-	-	U	-	-	PM	U	U	U	-	-	U	U	
t of a disaster																	
arizing total	U	U	U	U	U	U	U	U	A	U	U	U	U	U	U	-	
dic project reviews.	U	U	U	U	U	U	U	U	A	U	U	U	U	U	U	-	
management of l delay project	U	U	U	U	U	U	U	U	PM	R	R	U	U	U	U	-	
rmation of all iod.	U	U	U	U	U	U	U	U	PM	R	R	U	U	U	-	-	
subjects for	U	U	U	U	U	U	U	U	PM	R	R	U	U	U	-	U	
e specified period.	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	
the period. A "Project Progress	U	U	U	U	U	U	U	U	PM	R	R	U	U	U	U	-	

U - USE

R - REVIEW AUTHORITY

A - APPROVAL AUTHORITY

PM - PROJECT MANAGER APPROVAL

2-4-1

				APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS						APPLICABILITY TO PROJECT BOARDS											
				PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION	
AL	SI	RP	AM																		
-	U	-	U	C	C	C	(C)	NA	NA	-	-	-	-	-	-	-	-	-	-		
U	U	-	U	(S)	(S)	NA	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-		
-	U	-	U	S	S	NA	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-		
U	-	-	-	S	S	NA	NA	NA	NA	-	-	-	-	-	-	U	-	-	-		
-	U	-	U	S	S	(S)	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-		
-	U	-	U	S	(S)	(S)	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-		
U	U	-	U	S	S	S	(S)	(S)	(S)	-	-	-	-	-	-	-	-	-	-		
U	U	-	U	S	S	(S)	(S)	(S)	(S)	-	-	-	-	-	-	-	-	-	-		
-	U	-	U	S	S	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	(S)	(S)	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-		
U	U	-	U	(S)	(S)	(S)	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-		

2-4-2

~~2-4-1~~

DATA ITEM NUMBER	3 of 3 DATA ITEM <u>OVERALL MANAGEMENT</u>	DESCRIPTION
	<u>REPORTS (Cont'd)</u>	
MA-020	Report, Resources Requirements/ Availability	Comparison report of resource requirements versus availability and possible solutions.
MA-021	Report, Weekly Activity	TWX report to customer of week's accomplishments and significant project action items.
MA-022	Report, Schedule/Cost Coupling Summary (Monthly)	Summary at the task and subtask level.
MA-023	*Report, Schedule/Cost Coupling	Details at the work package and cost account level.
MA-024	Report, Contact	Documentation of significant meetings, conversations, and communications with customer. Functional approach as appropriate.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

[illegible]

U - USE

R - REVIEW AUTHORITY

A - APPROVAL AUTHORITY

PM - PROJECT MANAGER APPROVAL

DATA ITEM NUMBER	DATA ITEM 1 of 2 <u>SCHEDULING</u>	DESCRIPTION
	<u>DIRECTIVES</u>	
SC-001	*Schedule Change Request/Notice	A schedule change notice documents a schedule change that is approved. Until approval, it is a schedule change request. All critical path schedule changes.
	<u>LISTS</u>	
SC-014	*List, Special Schedule Printouts	Lists special-purpose schedules used throughout project. Schedules obtained through printouts based on milestone and PERT on work package and cost account levels.
	<u>REPORTS</u>	
SC-008	Report, Project Level PERT	Biweekly report giving status of PERT events.
SC-009	Report, Project Level Milestones	Biweekly report indicating status of key milestones.
SC-010	Report, Task and Sub-Task Level PERT	Biweekly report giving status of PERT events.
SC-011	Report, Task and Sub-Task Level Milestones	Biweekly report indicating milestone status.
SC-012	*Report, Detail PERT Fragnet Status	Weekly analysis of status.
SC-013	*Report, Work Package and Account Level Milestones	Biweekly analysis of status.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	SA
ange request when latter ge request. Required for	-	-	U	-	-	-	-	-	R	A	R	-	-	-	-	U
object. Schedules will be ERT reports accumulated	U	U	U	U	U	U	U	U	U	A	U	U	U	R	-	-
	U	-	U	-	U	U	U	-	R	A	R	U	-	U	-	-
	U	-	U	-	U	U	U	-	PM	R	R	U	-	U	U	-
	U	U	U	U	U	U	U	U	U	A	R	U	U	U	-	-
	U	U	U	U	U	U	U	U	U	A	R	U	U	U	-	-
	U	U	U	U	U	U	U	U	U	A	U	U	U	U	-	-
	U	U	U	U	U	U	U	U	U	A	U	U	U	U	-	-

				APPLICABILITY AT SUBCONTRACTOR/VENDOR/SUPPLIER LEVELS							APPLICABILITY TO PROJECT BOARDS										
				PRINCIPAL SUB-CONTRACTORS	MAJOR SUB-CONTRACTORS	KEY SUBCON AND VENDORS	OTHER VENDORS	KEY SUPPLIERS	KEY SUBSUPPLIERS	CONFIGURATION CONTROL	CONFIGURATION MANAGEMENT	DATA REVIEW	DESIGN REVIEW	FAILURE REVIEW	INTEGRATED SAFETY	INTEGRATED TEST	MAKE OR BUY	MATERIAL REVIEW	SOURCE EVALUATION	SOURCE SELECTION	
AL	SI	RP	AM																		
-	-	-	-	(S)	(S)	(S)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	U	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	-	(S)	(S)	(S)	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	-	S	S	S	NA	(S)	(S)	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	-	(S)	(S)	(S)	NA	(S)	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	-	S	S	(S)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	-	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	
-	U	-	-	(S)	(S)	(S)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	

2-8-2



DATA ITEM NUMBER	DATA ITEM 2 of 2 <u>SCHEDULING</u>	DESCRIPTION
	<u>SCHEDULES</u>	
SC-002	Schedule, Project Level (PERT)	A top-level PERT network showing the key spaces and interface milestones. Used for project management & customer interface planning.
SC-003	Schedule, Project Level (Milestone)	A top-level bar chart schedule indicating the key system and interface milestones.
SC-004	Schedule, Task and Sub-Task Level (PERT)	Presentation of all PERT details required to interface with customer level PERT.
SC-005	Schedule, Task and Sub-Task Level (Milestone)	Presentation of all milestone information required with customer level milestones.
SC-006	*Schedule, Detail PERT Fragnets	Presents interrelationship of all activities necessary for completion of a given task. Prepared for critical activities.
SC-007	*Schedule, Work Package and Cost Account Level (Milestone)	Detailed milestones for internal control.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	SA
raft system ement (GE)	U	-	U	-	U	U	U	-	R	A	R	U	-	U	-	-
pacecraft	U	-	U	-	U	U	U	-	PM	R	R	U	-	U	-	-
face with	U	-	U	U	U	U	U	U	R	A	R	U	U	U	-	-
to interface	U	U	U	U	U	U	U	U	R	A	R	U	U	U	-	-
ry to the com- ivities.	U	U	U	U	U	U	U	U	U	A	U	U	U	U	-	-
	U	U	U	U	U	U	U	U	U	A	U	U	U	U	-	-

DATA ITEM NUMBER	1 of 1 DATA ITEM <u>MANNING AND FINANCIAL</u>	DESCRIPTION
	<u>REPORTS</u>	
MF-001	*Report, Material Commitment	A weekly and monthly report listing new material commitment, progress of commitment, and comparison to plan data.
MF-002	Report, Contractor Financial Management (Form 533)	
MF-003	Report, Overtime	
MF-004	*Report, Vouchered Hours	Weekly tabular listing(at all WBS levels) of actual labor and planned and trend data.
ME-005	*Report, Project Financial Performance	Monthly summation (at all WBS levels) of labor and material month ITD, and final costs per CBL, PFI, and technical.
MF-006	*Report, Manpower	Weekly tabular listings (at all WBS levels) of actual manpower arrayed against planned and trend data.

* KEY INFORMAL DATA

DATA ITEM LIST/USER MATRIX

	APPLICABILITY TO FUNCTIONAL USERS AT CONTRACTOR LEVEL															
	SE	PQ	MG	CM	QA	TE	RA	LS	MA	SC	PC	MF	MP	DM	FA	SA
ommitments, ata.	U	-	U	-	U	U	U	-	U	-	U	A	-	-	-	-
	-	-	-	-	-	-	-	-	PM	-	R	R	-	-	-	-
	U	-	U	-	U	U	U	-	PM	U	U	R	-	-	-	-
labor hours arrayed against	U	-	U	-	U	U	U	-	U	U	U	A	-	-	-	-
material dollars. Current nical progress rate. equivalent applied	U	-	U	-	U	U	U	-	U	U	U	A	-	-	-	-
	U	-	U	-	U	U	U	-	U	U	U	A	-	-	R	-

USER FLOW DIAGRAMS

Project Control is viewed here as an essentially procedural function rather than as an evolutionary one. The activities which take place and the data items which are significant are independent of the point in the product development cycle which is considered. For this reason the project control user flow diagrams differ from those representing the other functional areas.

Detailed drawings and a summary drawing appear on the following pages of this section. The detailed drawings show the periodic activities of the reporting and control loop. Actions are associated with individuals (Cognizant Engineer) and organizations (Functional Operations, Finance, Project Control). The data items required for decision making and for record are indicated.

The summary drawing depicts a view of the process, which has been simplified by aggregating closely related activities.

Overall Management (MA), Scheduling (SC), Manning and Financial (MF) data items have been included in the Project Control user flow diagram shown in this section.

Project Control User Flow Diagrams

Figure Number

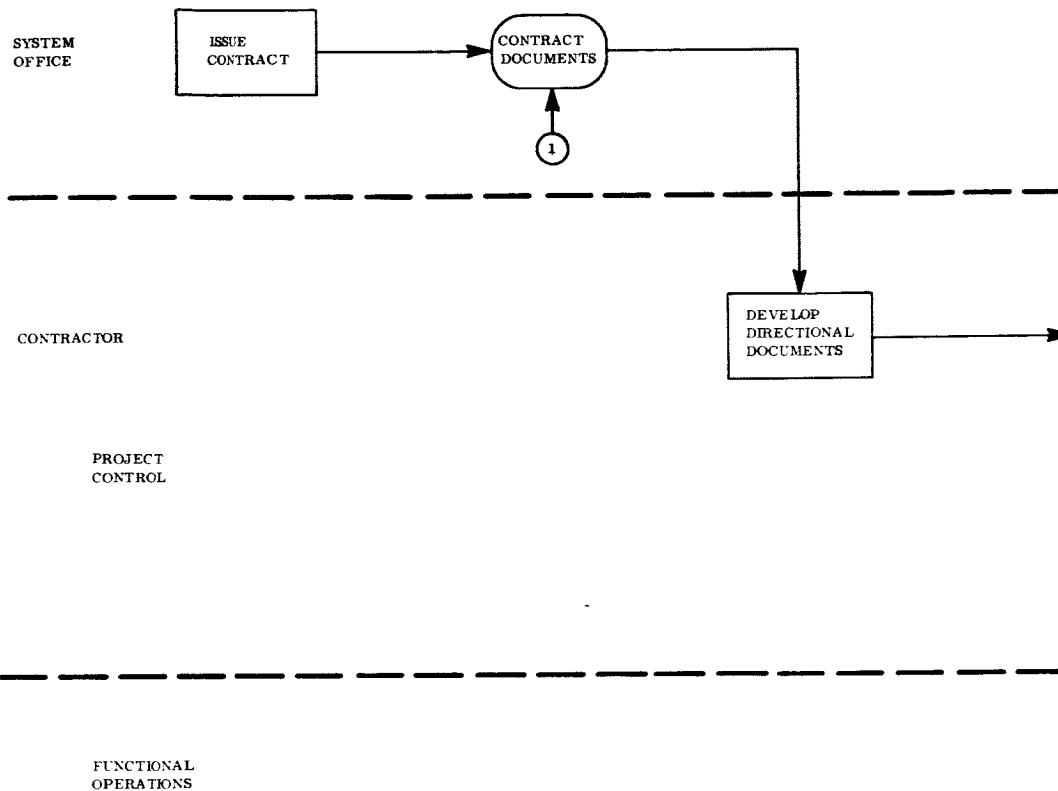
Title

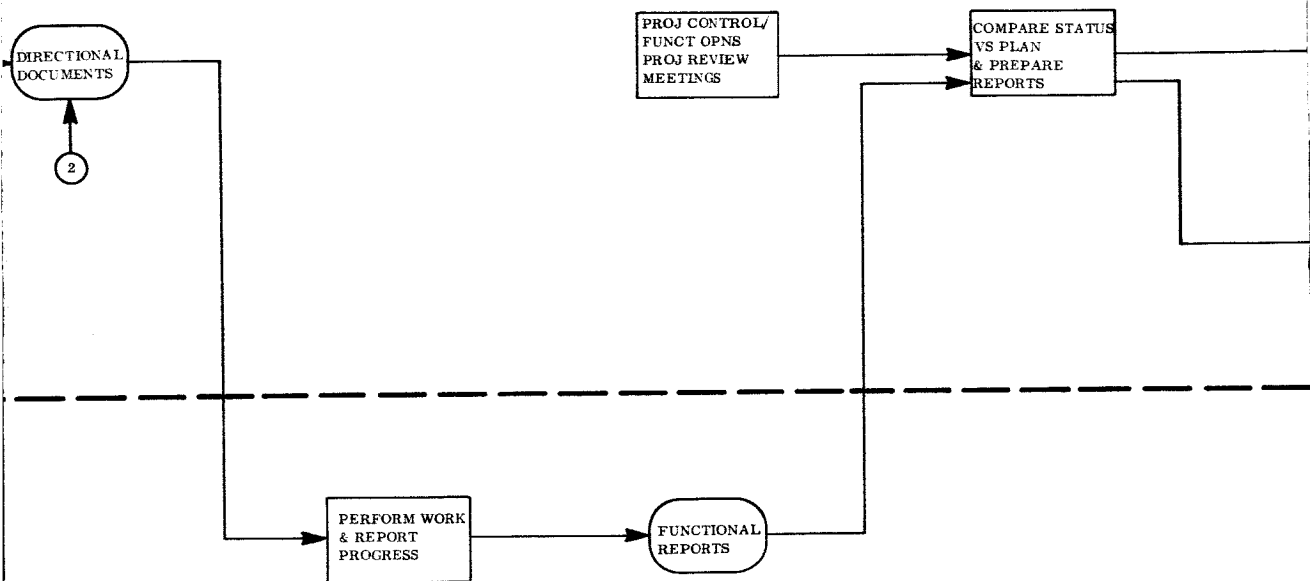
I-1

Project Control User Flow Diagram - Summary

I-2

Project Control User Flow Diagram (4 sheets)





LEGEND:

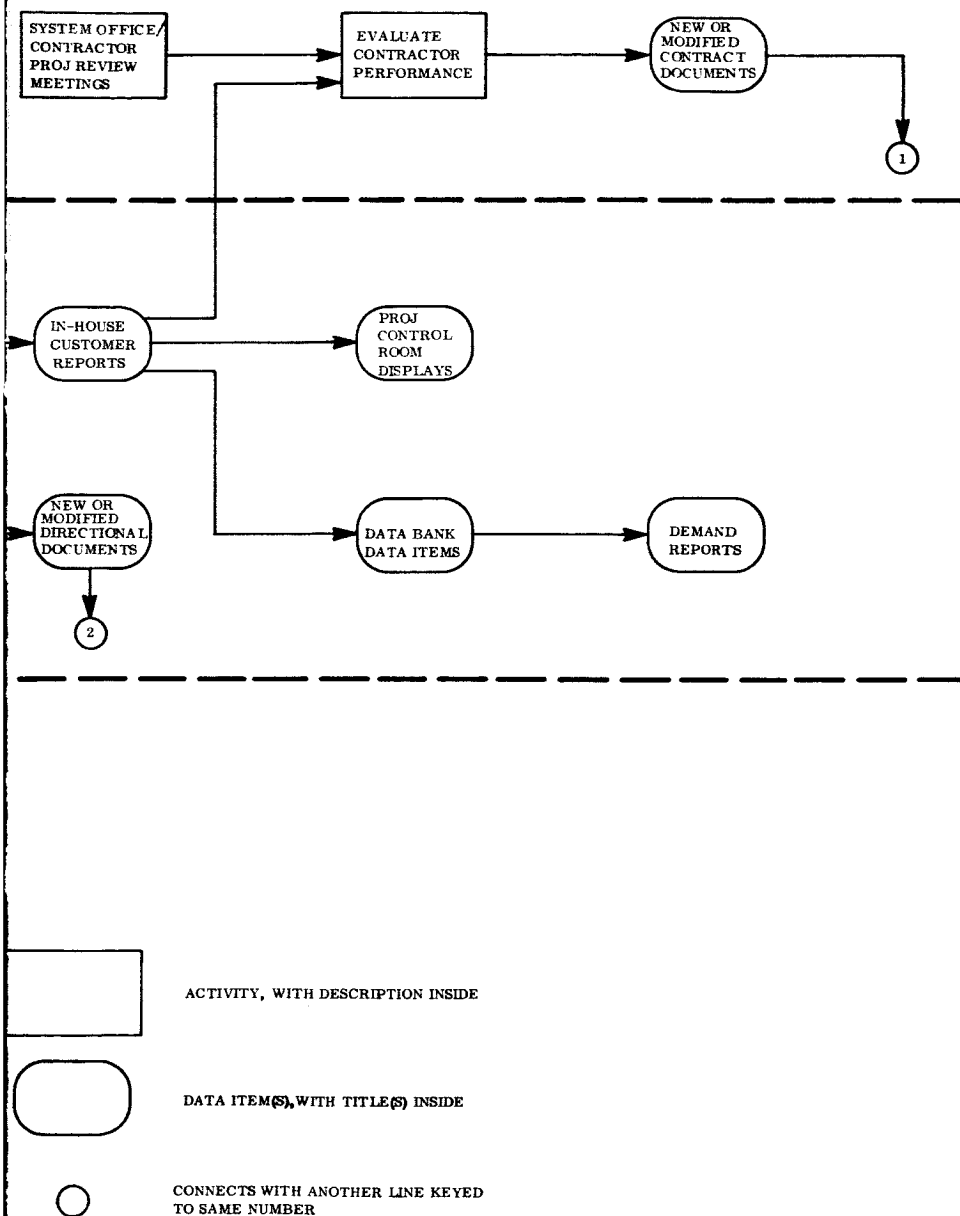
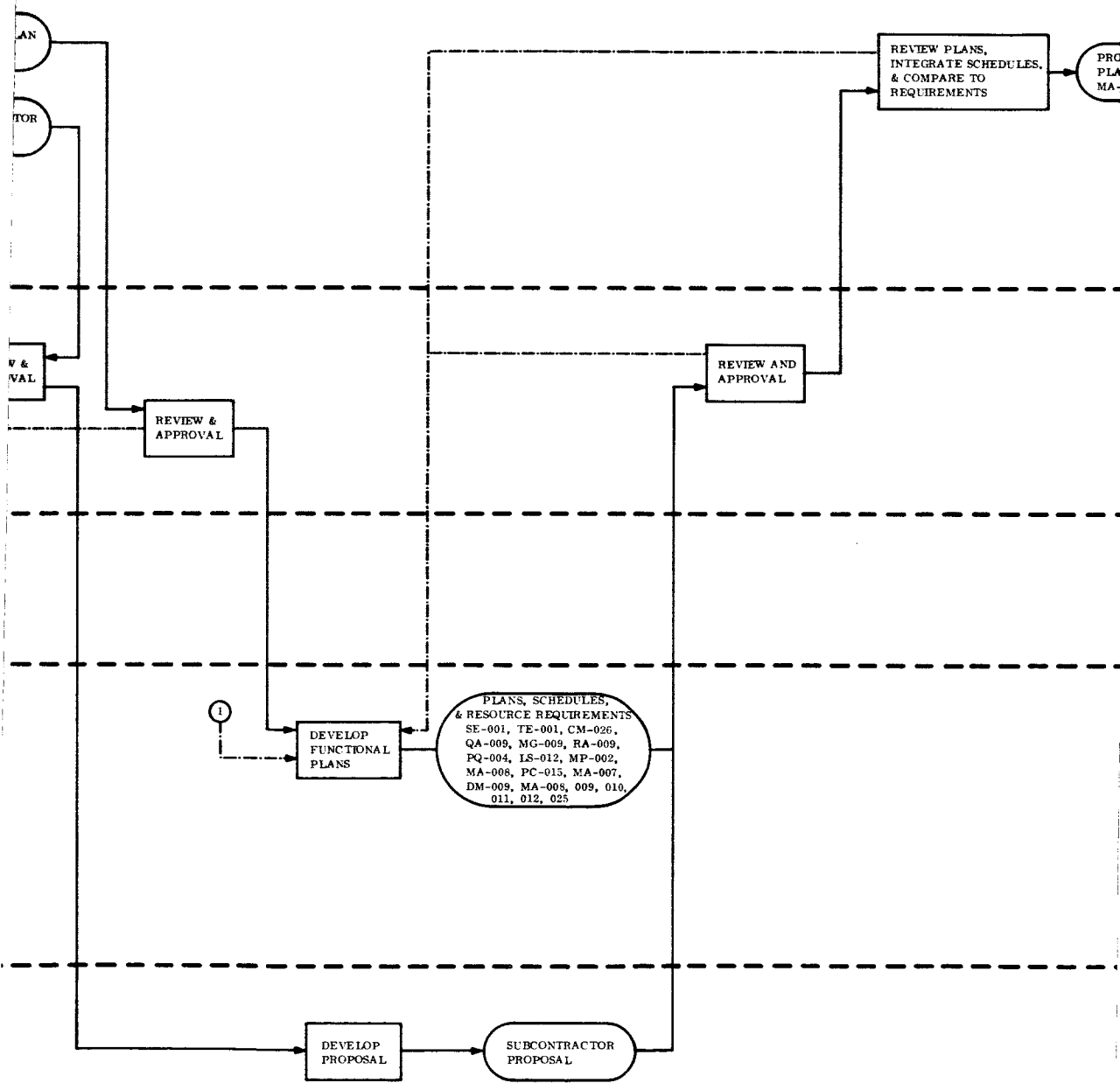
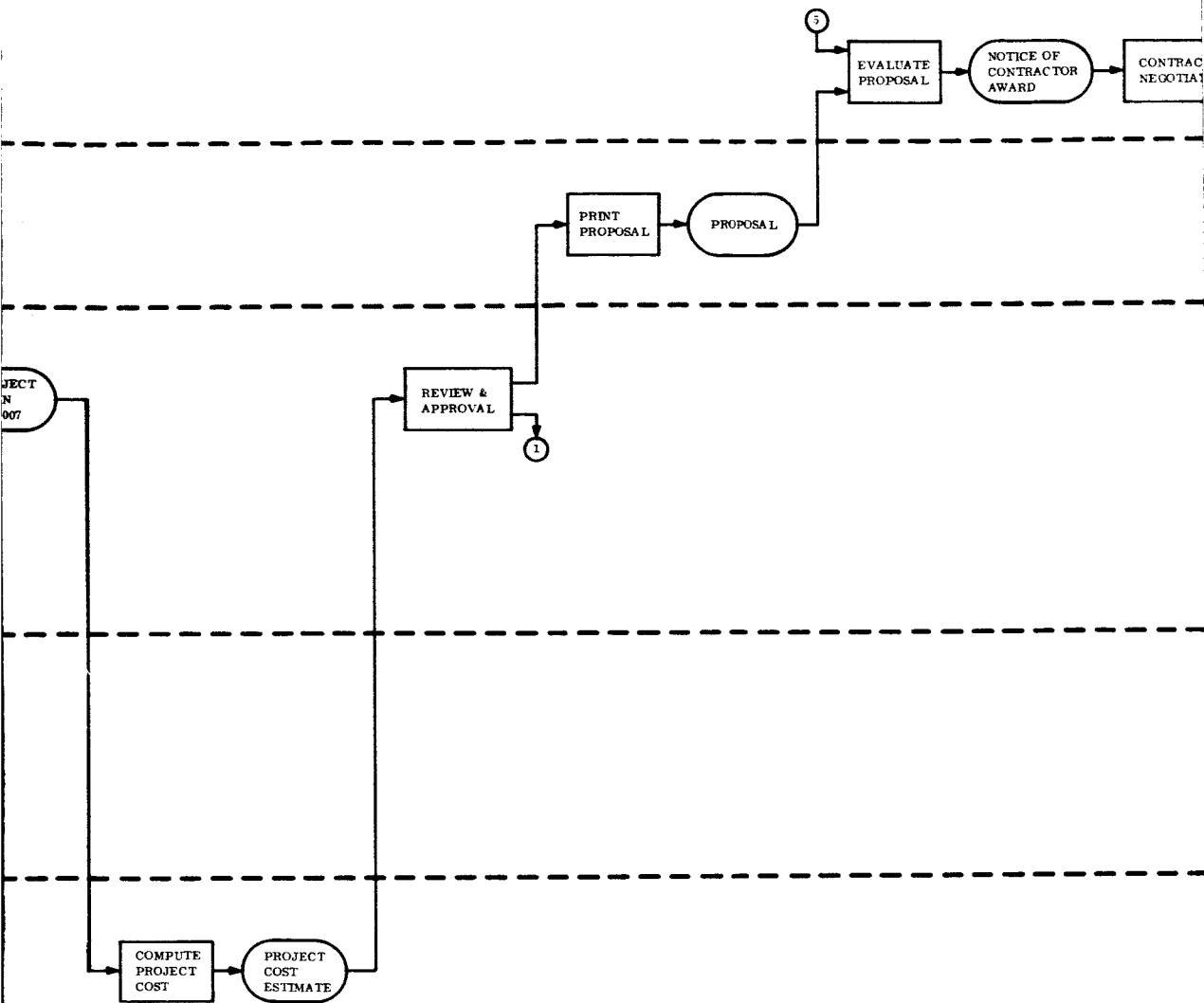


Figure I-1. Project Control User Flow Diagram - Summary





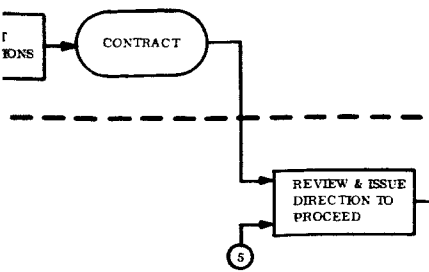
LEGEND:

ACTIVITY

DATA

CONNECTION
SAME

3-8-2



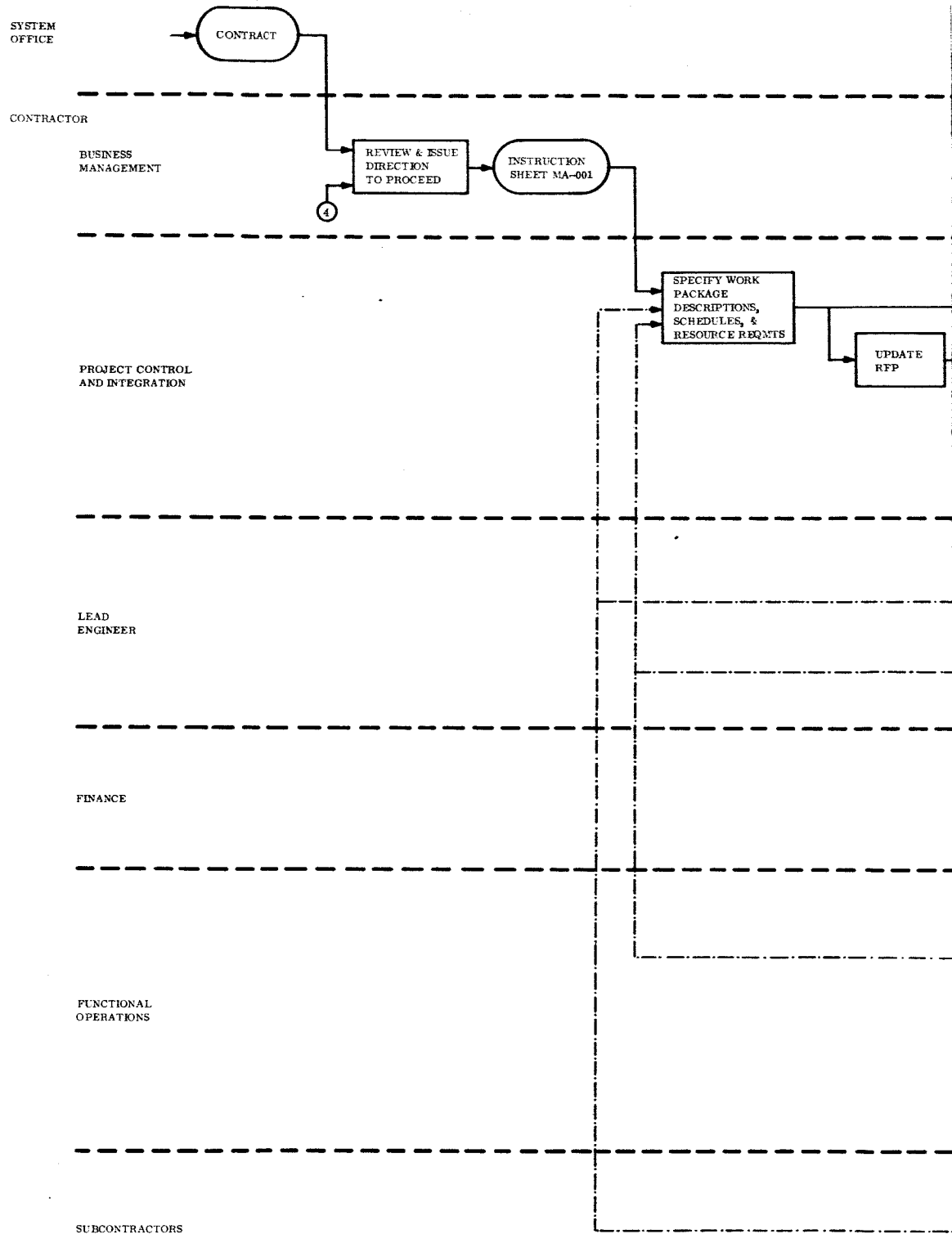
Y, WITH DESCRIPTION INSIDE

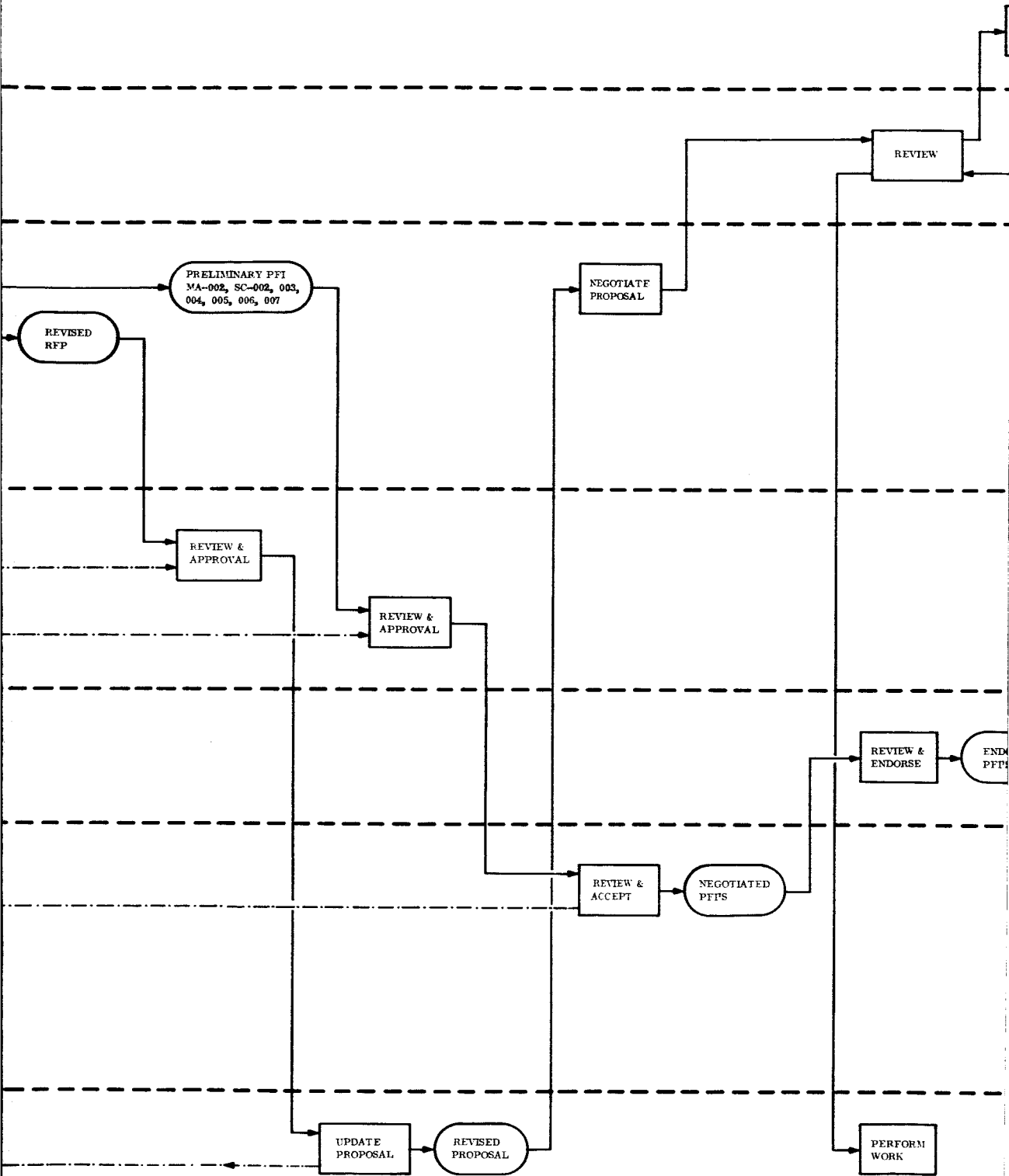
EM(S), WITH TITLE(S) INSIDE

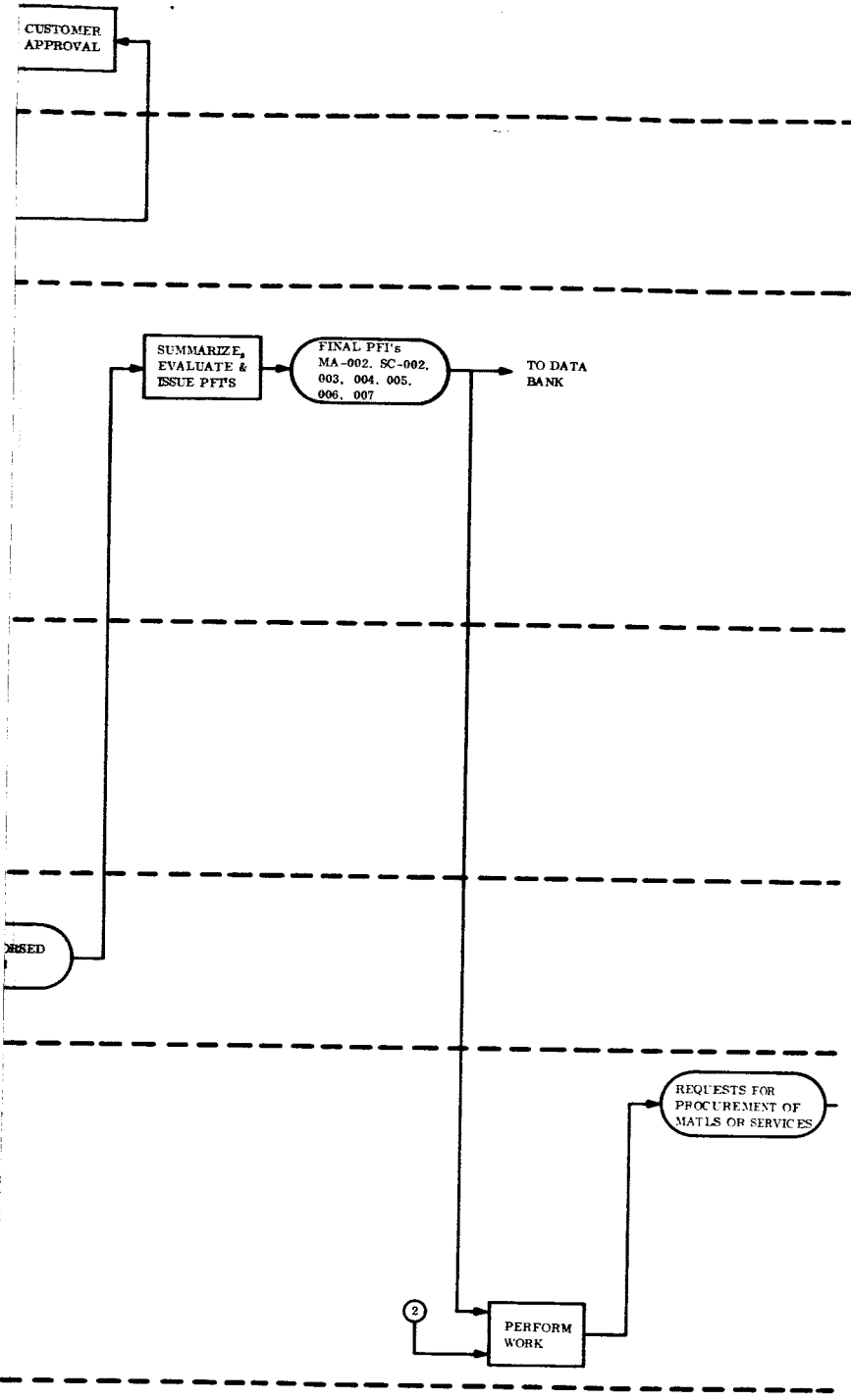
TS WITH ANOTHER LINE KEYED TO
NUMBER

Figure I-2. Project Control User Flow
Diagram (Sheet 1 of 4)

3-8-3







LEGEND:




-  ACTIVITY, WITH DESCRIPTION INSIDE
-  DATA ITEM(S), WITH TITLE(S) INSIDE
-  CONNECTS WITH ANOTHER LINE KEYED TO SAME NUMBER

Figure I-2. Project Control User Flow Diagram (Sheet 2 of 4)

SYSTEM
OFFICE

CONTRACTOR

BUSINESS
MANAGEMENT

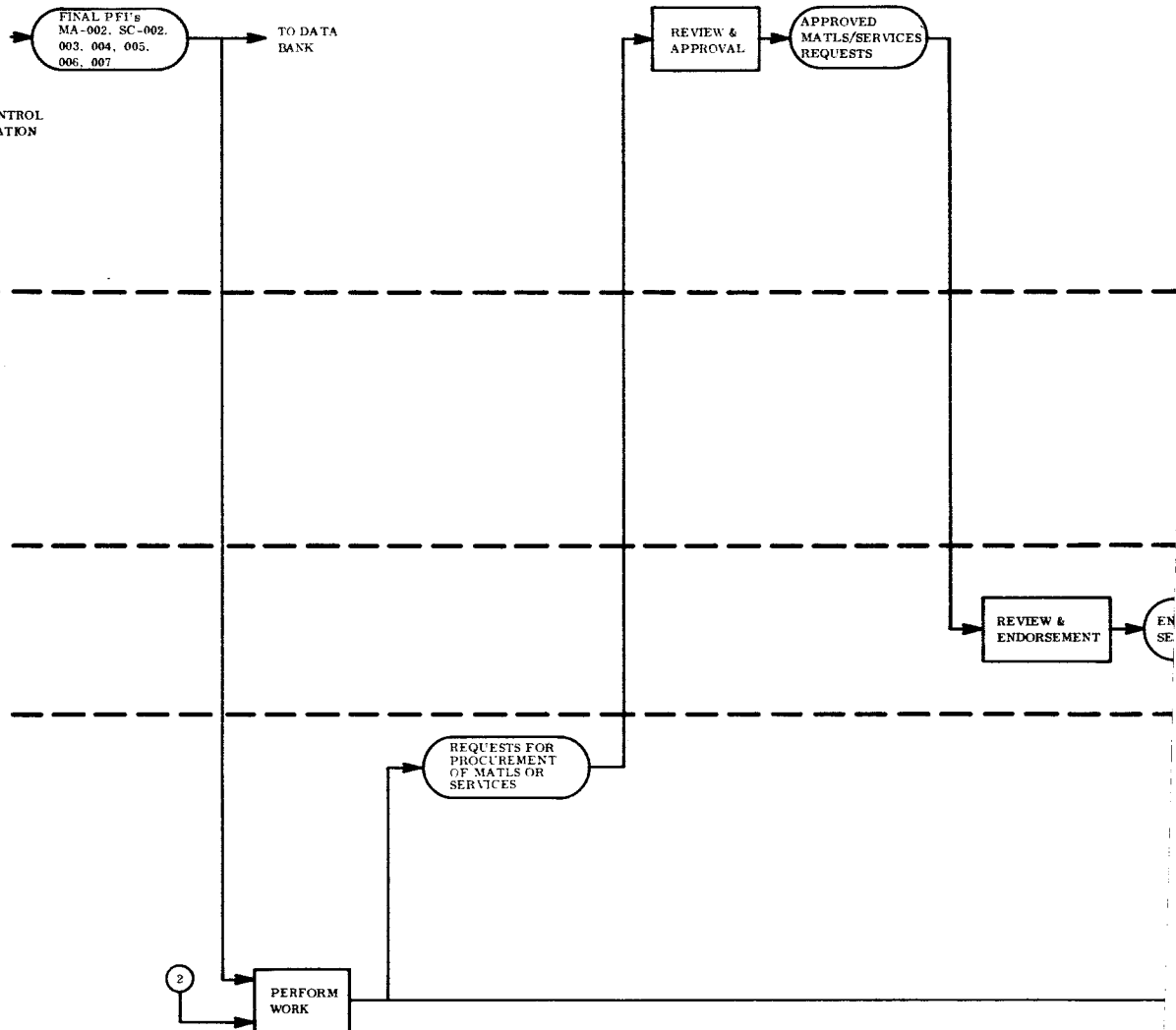
PROJECT CONTROL
AND INTEGRATION

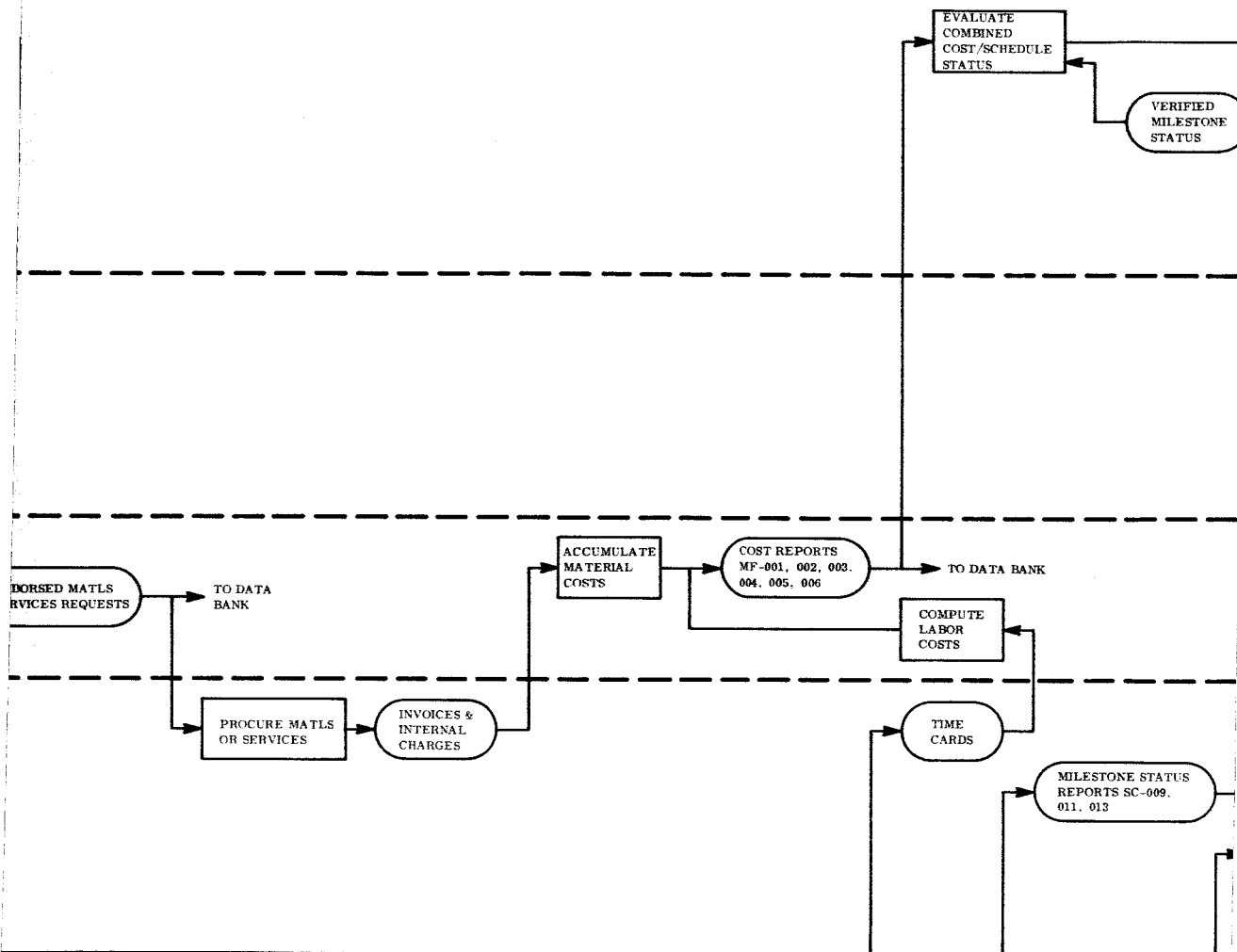
LEAD
ENGINEER

FINANCE

FUNCTIONAL
OPERATIONS

SUBCONTRACTORS





NOTES:

1. LEAD ENGINEER'S PERFORMANCE EVALUATION IS CONCERNED WITH EVALUATION OF DATA IN HIS AREA OF RESPONSIBILITY. (DATA EVALUATED INCLUDES THE COST/SCHEDULE ANALYSIS SUPPLIED BY PROJECT CONTROL.)
2. PROJECT CONTROL PERFORMANCE EVALUATION IS ADDITIONALLY CONCERNED WITH INTERFACE EFFECTS UPON OTHER TASKS AND/OR ORGANIZATIONS.

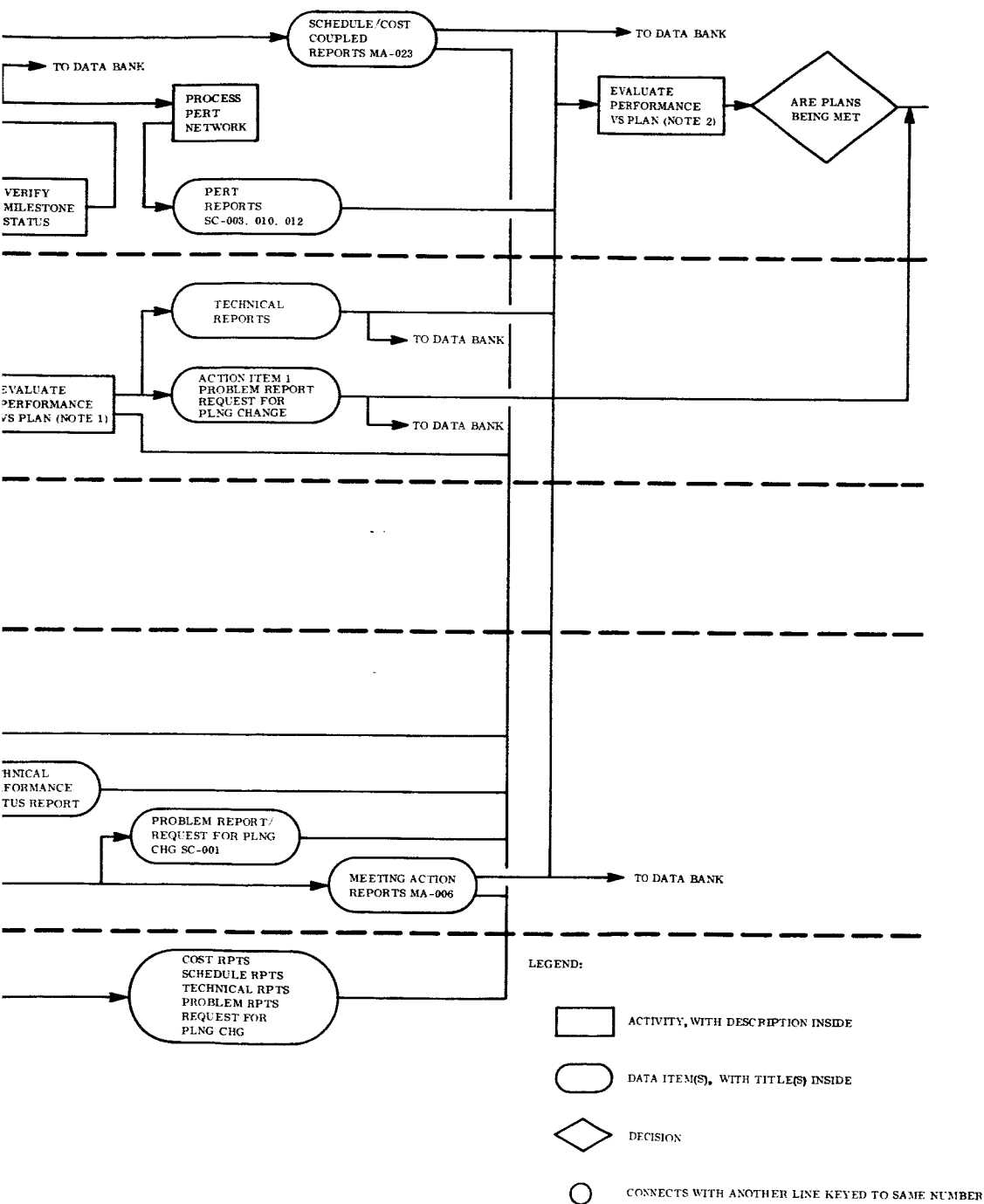


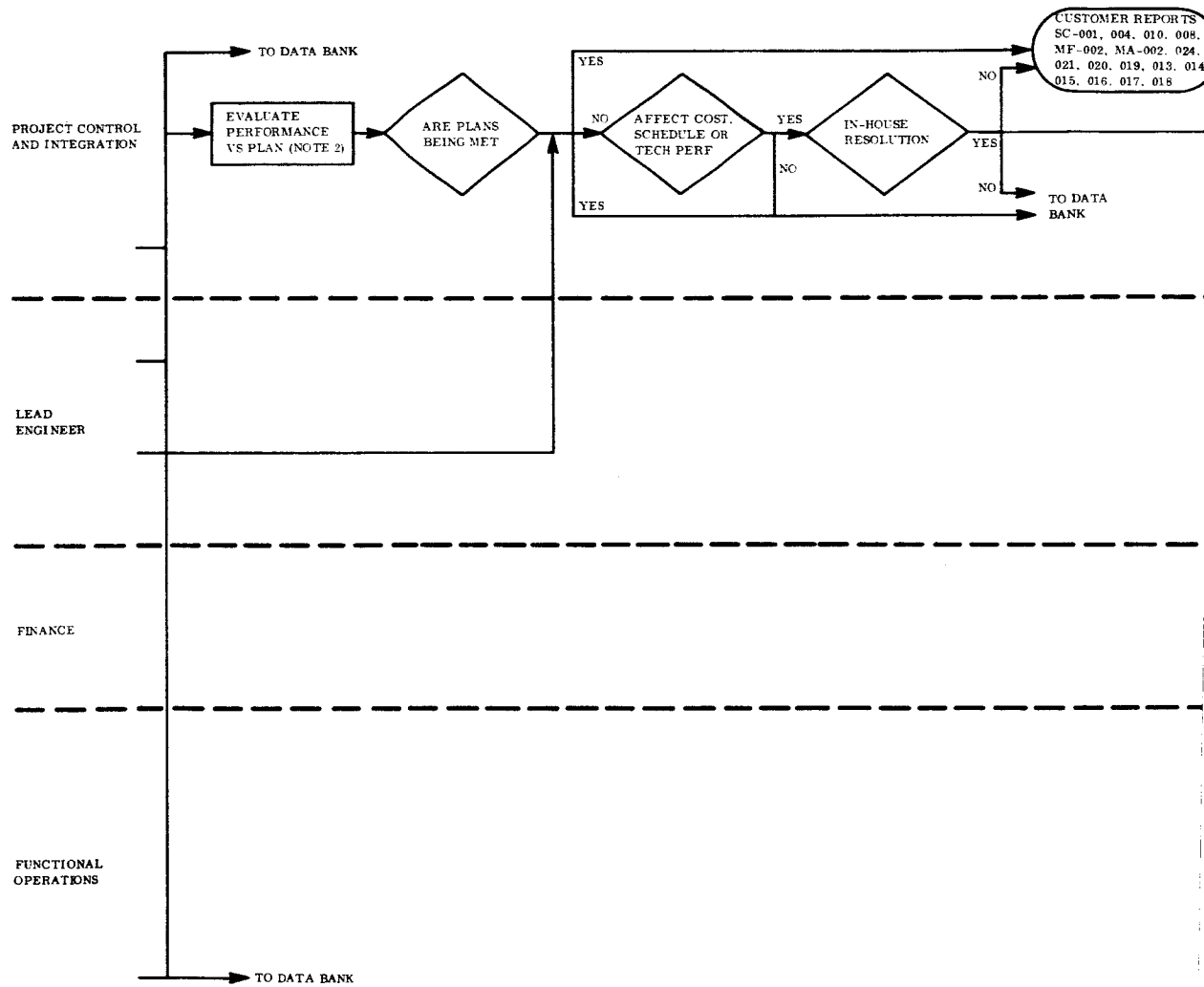
Figure I-2. Project Control User Flow Diagram (Sheet 3 of 4)

3-12-2

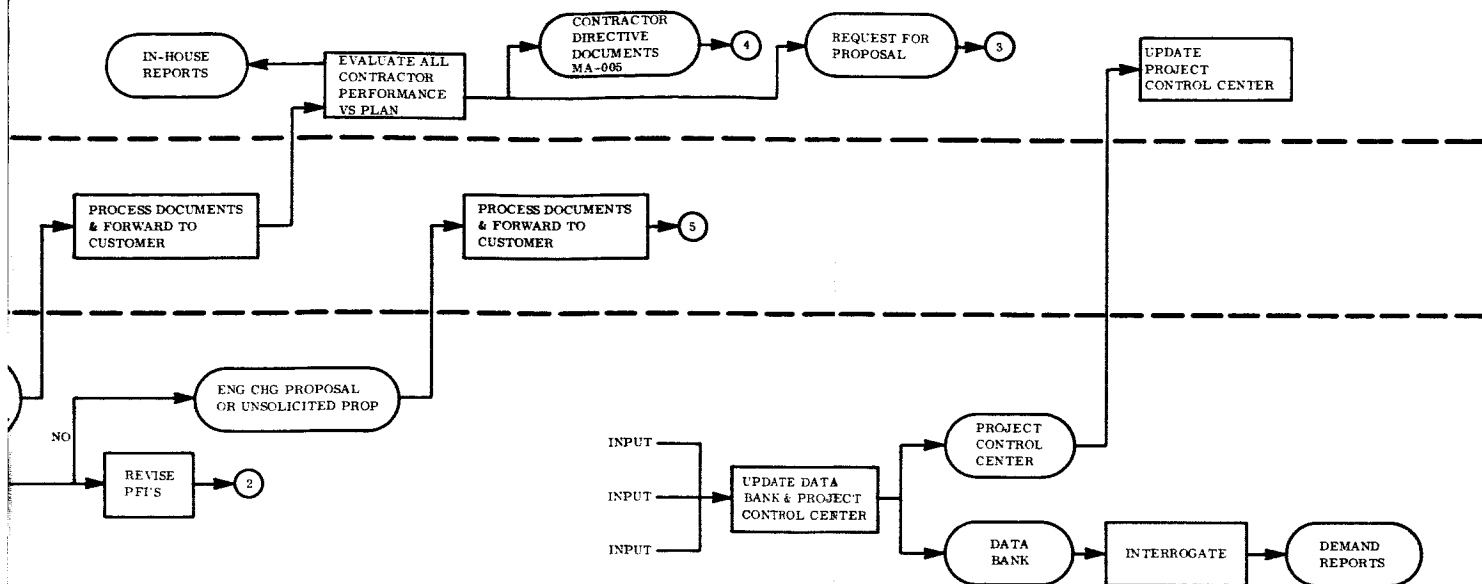
SYSTEM
OFFICE

CONTRACTOR

BUSINESS
MANAGEMENT



SUBCONTRACTORS



NOTES:

1. LEAD ENGINEER'S PERFORMANCE EVALUATION IS CONCERNED WITH EVALUATION OF DATA IN HIS AREA OF RESPONSIBILITY. (DATA EVALUATED INCLUDES THE COST/SCHEDULE ANALYSIS SUPPLIED BY PROJECT CONTROL.)
2. PROJECT CONTROL PERFORMANCE EVALUATION IS ADDITIONALLY CONCERNED WITH INTERFACE EFFECTS UPON OTHER TASKS AND/OR ORGANIZATIONS.

LEGEND





-  ACTIVITY, WITH DESCRIPTION INSIDE
-  DATA ITEM(S), WITH TITLE(S) INSIDE
-  DECISION
-  CONNECTS WITH ANOTHER LINE KEYED TO SAME NUMBER

Figure I-2. Project Control User Flow Diagram (Sheet 4 of 4)

Overall Management Data Requirement Descriptions

<u>DRD Number</u>	<u>Title</u>
MA-001	*Project Change Notice
MA-002	*Project Funding Instruction (PFI)
MA-003	Project Policies, Procedures, and Directives
MA-004	*Department Policies, Procedures, and Directives
MA-005	List, Priority Action Items
MA-006	*List, Action Items
MA-007	Plan, Project Implementation
MA-008	Plan, Project Control
MA-009	Plan, Organization
MA-010	Plan, Project Communications
MA-011	Plan, Security
MA-012	Plan, Facility
MA-013	Report, Final Project
MA-014	*Report, Project Review
MA-015	Report, Project Problem/Action (Red Flag)
MA-016	Report, Project Progress (Monthly)
MA-017	Report, Project Review Schedule and Agenda
MA-018	Report, Film
MA-019	Report, Quarterly, Written
MA-020	Report, Resources Requirements/Availability
MA-021	Report, Weekly Activity
MA-022	Report, Schedule/Cost Coupling Summary (Monthly)
MA-023	*Report, Schedule/Cost Coupling
MA-024	Report, Contact
MA-025	Plan, Contingency Operation

* Key Informal Data

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:							
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: MA	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY: R. Ginsberg		DATE: 7/28/67		CONTRACT NO.:		DRD NO.: MA-001			
TITLE OF DOCUMENT: * PROJECT CHANGE NOTICE						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRL ITEM NO.:					
						Project Control									
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:					
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input checked="" type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:					
USE OF DOCUMENT: Provides rapid in-house communication to cognizant management of customer directed changes in scope. Provides rapid communication to the customer verifying receipt of direction, plus preliminary information as to effect on the Project.						ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 50							
						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:							
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:							
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: DM-008, Plan, Contractor Data Acquisition Flow MA-002, *Project Funding Instruction MA-003, Project Policies, Procedures, and Directives MA-008, Plan, Project Control						FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED As required		PUBLICATION DATE: SDR		UPDATE (FREQUENCY OR MILESTONE): Not applicable					
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN										ESTIMATED EXPIRATION DATE:					
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER						REFERENCE DOCUMENTS:									
						APPLICABLE STANDARDS:									
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)															
DRAFT				DATE				PREPUBLICATION PROOF				DATE			
SUBMIT FOR REVIEW TO: _____				_____				_____				_____			
_____				_____				_____				_____			
_____				_____				_____				_____			
_____				_____				_____				_____			
_____				_____				_____				_____			
SUBMIT FOR APPROVAL TO: _____				_____				_____				_____			
Manager, Project Control				_____				_____				_____			
_____				_____				_____				_____			

GE EXHIBIT DRD MA-001

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MA-001

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Project Change Notice shall provide all the pertinent information regarding customer directed scope changes, including preliminary effects on technical, cost and schedule performance as indicated on the attached sample form.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-001

CONTRACT #

DATE

PROGRAM CHANGE #

TITLE

TO:

Attached is a Program Change initiated by the Technical Officer ☐,
Project Office ☐, in response to a request from Marketing ☐.

It is requested that the Change be submitted to NASA as soon as possible
for Change Order approval.

A proposal will be prepared and submitted to you within 30 days ☐
45 days ☐ 60 days ☐, ☐ days.

PROGRAM CHANGE #

CONTRACT #

DATE:

TITLE:

DESCRIPTION:

Basis for Program Change Request: (Reference T.O. direction if applicable).

Justification for Scope Change (Relate Program Change to contractual requirements)

Estimate of Costs (Budgetary)

Effect on Performance (Relate effect to contract work statement re: power,
weight, etc.)

Effect on Schedule (Budgetary)

GE EXHIBIT DRD MA-001

REMARKS:

APPROVED:

APPROVED:

GE EXHIBIT DRD MA-002

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:		
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:	
		MA			R. Ginsberg	7/28/67			MA-002	
TITLE OF DOCUMENT: *PROJECT FUNDING INSTRUCTION (PFI)					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:	
					Project Control					
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input checked="" type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:			
USE OF DOCUMENT: Provides authorization and funding to performing operations to begin work. Allocates tasks through cost account level; identifies technical effort, schedule, manpower, cost, performing operation. Reviewed and updated on a monthly basis as applicable.					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
							25			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures, and Directives MA-007, Plan, Project Implementation					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		PUBLICATION DATE:	
									SDR	
					FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		UPDATE (FREQUENCY OR MILESTONE):			
							As required			
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX		REFERENCE DOCUMENTS:		ESTIMATED EXPIRATION DATE:	
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)					APPLICABLE STANDARDS:					
SUBMIT FOR REVIEW TO: _____					DATE		PREPUBLICATION PROOF		DATE	
_____ BY _____					_____		_____		_____	
_____ BY _____					_____		_____		_____	
SUBMIT FOR APPROVAL TO: <u>Manager, Project Control</u>					DATE		PREPUBLICATION PROOF		DATE	
_____ BY _____					_____		_____		_____	
_____ BY _____					_____		_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-002

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Work authorizations will be issued to performing operations by Project Control by means of the Project Funding Instruction (PFI). One PFI will be issued by PC and one to each of the performing organizations listed funding for each of the work packages to be worked on by that particular organization. Each PFI will show all the following information by work package and by designated responsible individual in the performing operation per the attached sample form:

1. Funding for equivalent manpower (man-months)
2. Material (in thousands of dollars)
3. Past effort (inception-to-date), in equivalent man-months and material dollars expended and committed.
4. Future estimated effort (expressed in man-months and material dollars to be expended and committed.)
5. Event numbers and milestones to be completed.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD)

**PROJECT FUNDING INSTRUCTION
VOYAGER PROJECT**

Funding To: _____
Details Attached

Equivalent Manpower Man Months																Material (in thousands)						Event Nos. to be Completed
Work Package No.	Resp. Individual	ITD Man Months May	Funding June	Est. July	Est. Aug.	Est. Bal. to Compl.	Est. at Compl.	Total Customer Base Line at Compl.	May ITD	Funding June	Est. July	Est. Aug.	Est. Bal. to Compl.	Total Est. at Compl.	Total Customer Base Line at Compl.							
1	2	3	4	5	6	7	8	9		10						11						

Project Engineer _____

Functional Representative _____

Finance _____

Date _____

Date _____

Date _____

Project Funding Instruction (PFI) Form

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-003
TITLE OF DOCUMENT: PROJECT POLICIES, PROCEDURES, AND DIRECTIVES				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 50	
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
USE OF DOCUMENT: Provides uniform policies and procedures for all Project personnel to accomplish required routines and achieve Project objectives. Provides guidance in interpreting and satisfying contractual requirements on functional levels below that of Department. Scope and application limited to a specific organizational section or function.				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-004, *Department Policies, Procedures, and Directives MA-007, Plan, Project Implementation				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): As required ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input checked="" type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)				REFERENCE DOCUMENTS:			
APPLICABLE STANDARDS:							
SUBMIT FOR REVIEW TO: _____				DATE _____			
BY _____				PREPUBLICATION PROOF _____			
BY _____				DATE _____			
SUBMIT FOR APPROVAL TO: <u>Project Manager</u>				BY _____			
BY _____				DATE _____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-003

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Project policies, procedures and directives will be classified by function rather than by organization structure in accordance with the following categories:

1. General and Administrative
2. Financial
3. Engineering
4. Manufacturing
5. Facilities
6. Marketing and Contracts
7. Employee and Community Relations
8. Reliability
9. Quality Assurance
10. Legal
11. Security, Safety, and Plant Protection
12. Program Management

Each instruction will include the following major paragraphs or sections.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-003

Purpose - The purpose or need for the instruction should be developed so that there is no question in the mind of the reader.

Definition - Significant items should be defined when there might be some question of their meaning.

Policy - The policy statement should be made in concise and understandable language.

Responsibilities - Specific responsibilities of the organizational elements involved in implementing the instruction will be identified.

Procedure - Procedural details should be briefly but clearly stated in chronological order. When possible, responsibilities and procedure may be combined in one major section/paragraph, to avoid repetition and to keep the instruction concise and clear.

GE EXHIBIT DRD MA-004

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		MA			R. Ginsberg	7/28/67			MA-004
TITLE OF DOCUMENT: *DEPARTMENT POLICIES, PROCEDURES, AND DIRECTIVES					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Project Control				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO OF COPIES:		
USE OF DOCUMENT: Provides uniform policies and procedures for all Project personnel to accomplish required routines and achieve Department objectives. Implements/defines Company or Division policies to assure Department compliance. Documents procedural subjects involving two or more sections. Provides guidance in satisfying contractual requirements.							250		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures, and Directives					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED As required		SDR UPDATE (FREQUENCY OR MILESTONE): As required ESTIMATED EXPIRATION DATE:		
CLASSIFICATION:					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input checked="" type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		
FORM OF DATA:					KIND OF DATA:		REFERENCE DOCUMENTS:		
<input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					<input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX		1. Introduction of the Company Organization and Policy Guide 2. Company Directive Policy No. 20.1 3. Missile and Space Division Policies		
							APPLICABLE STANDARDS:		
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
SUBMIT FOR REVIEW TO:					DATE				
BY					PREPUBLICATION PROOF				
SUBMIT FOR APPROVAL TO:					DATE				
Project Manager					BY				

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-004

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Department policies, procedures and directives will be classified by function rather than by organization structure in accordance with the following categories:

1. General and Administrative
2. Financial
3. Engineering
4. Manufacturing
5. Facilities
6. Marketing and Contracts
7. Employee and Community Relations
8. Reliability
9. Quality Assurance
10. Legal
11. Security, Safety, and Plant Protection
12. Program Management

Each instruction will include the following major paragraphs or sections:

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-004

Purpose - The purpose or need for the instruction should be developed so that there is no question in the mind of the reader.

Definition - Significant items should be defined when there might be some question of their meaning.

Policy - The policy statement should be made in concise and understandable language.

Responsibilities - Specific responsibilities of the organizational elements involved in implementing the instruction will be identified.

Procedure - Procedural details should be briefly but clearly stated in chronological order. When possible, responsibilities and procedure may be combined in one major section/paragraph to avoid repetition and to keep the instruction concise and clear.

GE EXHIBIT DRD MA-005

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-005
TITLE OF DOCUMENT: LIST, PRIORITY ACTION ITEMS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Project Control			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO OF COPIES	
USE OF DOCUMENT: Formally establishes project priorities for required actions between customer and contractor.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE	
						50	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures, and Directives MA-008, Plan, Project Control MA-015, Report, Project Problem/Action (Red Flag)				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER	
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VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-005

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Priority Action Item List shall delineate all problem areas which have a significant effect on Project progress and for which specific actions are required of either the customer or the contractor to effect resolution. The following data shall be shown for each action item listed

1. Applicable reference to the Project Problem Report
2. The schedule date for completion
3. The individual(s) customer and/or contractor assigned to complete the action
4. The interfacing activities or milestones affected
5. The severity category into which the problem currently falls
6. The possible effects of a slippage in meeting the date

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD)

GE EXHIBIT DRD MA-006

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY		DATE		DATA CATEGORY																																																																									
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USE OF DOCUMENT: Provides in-house direction and establishes individual responsibility for completing action items required to resolve problems significant to meeting Project milestones.					ESTIMATED MANHOURS FOR SINGLE PREPARATION		INFORMATION CUTOFF DATE OR MILESTONE																																																																										
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INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures and Directives MA-005, List, Priority Action Items MA-008, Plan, Project Control MA-015, Report, Project Problem/Action (Red Flag) MA-021, Report, Weekly Activity					FREQUENCY OF ISSUE		PUBLICATION DATE																																																																										
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VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS

DRD NO.
MA-006

SPECIAL DISTRIBUTION (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS

The Action Item List shall delineate at subtask level all problem areas which have a significant effect on Project progress, and for which specific actions are required of contractor personnel to effect resolution. The following data shall be shown for each action item listed:

1. Applicable reference to the Priority Action Item List (or other reference)
2. The scheduled date for completion
3. The individual assigned to complete the action
4. The interfacing activities or milestones affected
5. Participating Project organizations
6. The proposed solution and/or actions required, if determined

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-007

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. This document defines the overall Project plan established to meet the contract objectives by implementing and integrating all the salient plans and other planning documents that cover the Project management, operations, and control functions.

2. The plan shall include:

a. An introductory section consisting of a brief narration of the project, its objectives, its major milestones and their timing schedules. It may, as applicable, include the project interface with other projects or systems of the overall Voyager Program.

b. Reference to and a brief outline of the objectives and purpose of the major plans developed for the project effort including, as a minimum, the following plans:

Organization	Quality Assurance
Project Control	Inspection
Configuration Management	Subcontractor/Vendor Quality Assurance
Data Management	Safety
Manufacturing	Integrated Test
Procurement	Communications
Facilities	Handling and Transportation
Logistic Support	Contingency Operations
Mission Operations	Master Financial
Reliability	

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

c. A narrative description that briefly correlates and integrates the efforts covered by the plans listed in b. to present an overall project management plan defining the project operations and controls, both administratively and technically.

GE EXHIBIT DRD MA-008

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		MA			R. Ginsberg	7/28/67			MA-008
TITLE OF DOCUMENT: PLAN, PROJECT CONTROL					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Project Control				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
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TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Defines for the customer and the contractor the plan for conducting of all project control activities, including planning, monitoring, control, and reporting of cost, schedule and technical status of all Project elements.					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
							50		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-009, Plan, Organization MA-010, Plan, Project Communications MG-009, Plan, Manufacturing PC-015, Plan, Project Procurement SE-001, Plan, System Development TE-001, Plan, Integrated Test					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
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VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-008

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Project Control Plan shall define the organization, procedures and communication methods proposed to perform the internal control functions of management. It shall define the critical problem areas of control and proposed solutions and control features, including the following:

1. Control emphasis tailored to project phases
2. Use of technical performance monitoring as one basic control function
3. Use of integrated work performance/resources and schedule evaluation
4. Dynamic control center with customer repeater display
5. Computerized data bank with direct customer access
6. Emphasis on early problem detection and correction capability
7. Corporate executive participation

The plan shall include, as a minimum, the project approach to the following subjects:

1. Project Control Requirements
2. Problems/Critical Areas
3. Organization/Responsibilities
4. Project Control Center
5. Technical Performance Monitoring

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-008

6. Resource Monitoring and Control
7. PERT Planning and Operation
8. Work Performance Assessment (including Schedule/Cost Coupling system)
9. Subcontractor Monitoring and Control
10. Project Control Reviews/Reports

GE EXHIBIT DRD MA-009

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-009
TITLE OF DOCUMENT: PLAN, ORGANIZATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Project Control			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Defines management and operational organization established to meet Project objectives. Provides customer with names and qualification data of key personnel assigned to manage and direct the Project at contractor and subcontractor levels.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 50	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: DM-008, Plan, Contractor Data Acquisition Flow MA-007, Plan, Project Implementation				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
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BY: _____				BY: _____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
MA-009

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The plan shall include, but not be limited to, the following:

1. Outline of Project requirements affecting organization
2. Management approach
3. Organization approach, including analyses and alternatives
4. Corporate position of the project
5. Contractor Project organization
6. Authorities and responsibilities of key contractor positions
7. Role of principal subcontractors
8. Authorities and responsibilities of key subcontractor positions
9. Project boards and working groups
10. Organizational relationships
 - a. Customer/GE
 - b. Customer/GE/GE (other than Voyager)
 - c. Customer/GE/subcontractors
11. Key personnel resumes - contractor and subcontractor

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-010
TITLE OF DOCUMENT: PLAN, PROJECT COMMUNICATIONS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRD ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
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TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 50	
USE OF DOCUMENT: Provides uniform approach to assure rapid and accurate formal and informal communication within GE and across customer and subcontractor interfaces.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures and Directives MA-008, Plan, Project Control MA-009, Plan, Organization MA-024, Report, Contact				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): As required	
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FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input checked="" type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS: Customer Organization Plan			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: Project Manager		BY _____		_____ BY _____		_____	
_____		_____		_____		_____	

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-010

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The plan will provide procedures for meeting the Project need for complete visibility of the GE effort, timely response to customer direction, and efficiency in maintaining rapid communication among all Project elements. The plan shall include, but not be limited to, the following:

1. Definition of the customer areas which will provide direction to the contractor
2. Definition of the primary communication channels between the customer, contractor and subcontractors
 - a. Top management channel
 - b. Overall Project direction channel
 - c. Customer cognizant engineer/contractor cog engineer channel
 - d. Customer cog engineer/contractor project engineer channel
 - e. Project control center channel
 - f. Contracts/business management channel
3. Procedures to assure direct accessibility of contractor engineers at all levels to the customer.
4. Identification of channels for direct and rapid access to any element of the project by the customer.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-010

5. Procedures that assure proper integration of all customer direction from a contractual and technical standpoint
6. Policies for establishment of customer liaison offices at contractor and sub-contractor plants
7. Definition of the role of the satellite Engineering Offices
8. Definition of the hardwire communication system (customer, contractor and subcontractor)
 - a. TWX
 - b. Leased telephone
 - c. Datafax
 - d. Desk-side computer
9. Procedures for operation of the high-speed parcel delivery system

GE EXHIBIT DRD MA-011

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-011
TITLE OF DOCUMENT: <h2 style="margin: 0;">PLAN, SECURITY</h2>				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRD ITEM NO.:
				Project Control			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 100	
USE OF DOCUMENT: Provide overall plan to be implemented by Project personnel in satisfying the security requirements set forth in the contract.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures and Directives MA-012, Plan, Facility				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
						FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED One time	
FORM OF DATA:				REFERENCE DOCUMENTS:			
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KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				APPLICABLE STANDARDS:			
KIND OF DATA: <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input checked="" type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER							
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY			
SUBMIT FOR APPROVAL TO:		BY		BY			
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-011

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The plan shall be formulated to assure the safeguard of all classified elements of the contract and to provide and maintain a system of organizational security controls. The plan shall be in accordance with the Security Agreement and the Industrial Security Manual for Safeguarding Classified Information in effect on the date of the contract. At a minimum, the plan shall provide procedures for:

1. Classification
2. Protection of classified documents
3. Personnel education
4. Personnel and facility clearances
5. Communications
6. Area controls
7. Visitor controls
8. Transportation and handling

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION					DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:		DATE:		CONTRACT NO.:	DRD NO.:
		MA			R. Ginsberg		7/28/67			MA-012
TITLE OF DOCUMENT: <div>PLAN, FACILITY</div>					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRL ITEM NO.:	
					Facilities					
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
USE OF DOCUMENT: To outline the Project facility requirements and to provide the detailed description of contractor, subcontractor and government facilities available or to be furnished.					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:			
							25			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-007, Plan, Project Implementation					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN					FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE AS SPECIFIED		PUBLICATION DATE:			
							SDR			
							UPDATE (FREQUENCY OR MILESTONE):			
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FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input checked="" type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER		REFERENCE DOCUMENTS:			
					APPLICABLE STANDARDS:					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)										
DRAFT			DATE			PREPUBLICATION PROOF			DATE	
SUBMIT FOR REVIEW TO: _____			_____			_____			_____	
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_____			_____			_____			_____	
SUBMIT FOR APPROVAL TO: _____			_____			_____			_____	
_____ BY _____			_____			_____			_____ BY _____	
Project Manager			_____			_____			_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MA-012

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The plan shall outline the facility requirements and describe the available and planned facilities and intended usage for both the contractor and principal/major subcontractors in the following categories:

Category I - Contractor-Owned Facilities

Category II - Government-Owned Facilities

Category I - Facilities shall include, but not be limited to, the following:

Project Control Center

Parts Lab (including Magnetic Station)

Materials R&D Lab

Standards and Calibration Labs

Quality Assurance Materials and Processes Lab

Receiving, Inspection, and Shipping

Machine and Sheet Metal Shops

Pneumatics Assembly and Clean Environment Facility

Electronics Shop and Harness Fabrication

Manufacturing Engineering Development Lab

Component Environmental Lab

Morgantown Facility

Guidance and Control Lab

Space Power and Battery Lab

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-012

Data Processing Center
Thermal Lab
Structures Lab
Pyro Area
Antenna Range
EMI Lab
Dual C-210 Facility
Portable Multi-Head Facility
Space/Solar Environmental Facility
Thermal Vacuum Facilities
Acoustic Facilities
Clean Assembly and Test Area
Spacecraft Assembly and Test Facility
Spacecraft Magnetic Evaluation Station

Category II-Facilities shall include, but not be limited to the following:

Facilities similar to those described above in Category I

Launch Operations Facilities

Mission Operation Phase Facilities

The plan shall include a loading analysis and usage schedule and shall provide current and required availability/modification dates.

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:				
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: H. H. Dow	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-013				
TITLE OF DOCUMENT: REPORT, FINAL PROJECT				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:				
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 40					
USE OF DOCUMENT: To document and summarize the results of the entire contracted Project work for the information and use of customer and subcontractor Project and corporate management.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: LS-023, Report, Logistics Summary MA-008, Plan, Project Control TE-166, Report, Test Program Summary				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED One time		PUBLICATION DATE: End of Project					
						UPDATE (FREQUENCY OR MILESTONE): Not applicable					
CLASSIFICATION:						ESTIMATED EXPIRATION DATE:					
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FORM OF DATA:				REFERENCE DOCUMENTS:							
KIND OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				<input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				<input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER			
APPLICABLE STANDARDS:											
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
DRAFT		DATE		PREPUBLICATION PROOF		DATE					
SUBMIT FOR REVIEW TO:		BY		BY		BY					
SUBMIT FOR APPROVAL TO:		BY		BY		BY					
Project Manager											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-013

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. This final report shall document and summarize the results of the entire contracted Project work. The text of the report shall be augmented, as appropriate, with photographs, drawings, tables, diagrams, sketches, graphs, and curves, in sufficient detail to describe the results achieved and the conclusions to be drawn from the work accomplished.
2. The report shall provide, at a minimum:
 - a. A narrative summary of the items (hardware and software) delivered, including all major milestones.
 - b. Details of all major problem areas encountered, their resolution, and their effect on the planned effort.
 - c. Recommendations and conclusions based on the experiences and results obtained.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-014

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: H. H. Dow	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-014
TITLE OF DOCUMENT: *REPORT, PROJECT REVIEW				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION			
USE OF DOCUMENT: To document and provide for the information of the cognizant customer agency and of the contractor's Project management the results of periodic major Project reviews, i. e., SDR, PDR, HDR, CDR, FACI, MAR, Quarterly Reviews, Technical Direction Reviews				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 20	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED As required		PUBLICATION DATE: Each major Project review UPDATE (FREQUENCY OR MILESTONE): Not applicable ESTIMATED EXPIRATION DATE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control							
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
FORM OF DATA: KIND OF DATA: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER </div> <div style="width: 45%;"> <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX </div> <div style="width: 45%;"> <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER </div> </div>				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
		DRAFT	DATE	PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		_____	_____	_____		_____	
		BY _____	_____	BY _____		_____	
		_____	_____	_____		_____	
		_____	_____	_____		_____	
SUBMIT FOR APPROVAL TO:		_____	_____	_____		_____	
Project Manager		BY _____	_____	BY _____		_____	
		_____	_____	_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-014

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. This report documents and summarizes the results of each periodic project review meeting.
2. The reports shall include at a minimum:
 - a. All significant events and items discussed.
 - b. All major project problems discussed and, where applicable, the decision or action taken on each item.
 - c. Requests for data along with resultant commitments.
 - d. Progress on tasks and deliverable products during the period since the previous project review.
3. Reports documented in accordance with this DRD shall cover those for major project reviews such as critical project reviews, quarterly reviews and technical director reviews.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-015

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY		DATE	DATA CATEGORY
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: H. H. Dow	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-015
TITLE OF DOCUMENT: REPORT, PROJECT PROBLEM (RED FLAG)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRD ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 20	
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE	
USE OF DOCUMENT: To alert customer and contractor Project management of problems that are delaying or will delay project progress unless appropriate resolving action is taken and to document resolved problems.				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE) Not applicable ESTIMATED EXPIRATION DATE	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control QA-020, *Report, Failure Analysis SE-038, Report, System Analysis and Reliability				CLASSIFICATION:			
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
				FORM OF DATA:		KIND OF DATA:	
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX		<input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER	
						REFERENCE DOCUMENTS:	
				APPLICABLE STANDARDS			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
SUBMIT FOR REVIEW TO:		DRAFT	DATE	PREPUBLICATION PROOF	DATE		
BY				BY			
SUBMIT FOR APPROVAL TO:				BY			
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MA-015

SPECIAL INSTRUCTIONS:

1. The report may comprise a Project summary section together with attached problem reports (prepared in accordance with the outlined format herein) for the respective functional and performing areas.

2. "Critical" problems shall be reported to the customer by TWX as they arise, when so identified, and shall be documented in detail in the next issue of the Project problem report.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. These problem reports shall provide a current list of project problems categorized in severity as follows:

- a. Critical, requiring immediate action without which resultant work stoppage or major project milestone slip will occur
- b. Urgent, requiring action by a scheduled date, beyond which it will become critical
- c. Routine, requiring resolution, but a scheduled resolution date is not yet needed to prevent its becoming urgent
- d. Resolved, those resolved during the reporting period, and now removed from the critical, urgent, or routine categories, including reportable problems arising, but already resolved during the report period

2. The following data shall be shown for each problem item reported:

- a. The scheduled date for its resolution
- b. The last date beyond which a major project milestone must as a result be slipped - for its resolution
- c. The individual (contractor) assigned responsibility for its resolution
- d. The interfacing activities and/or milestones affected by the problem
- e. The severity category into which the problem currently falls
- f. The proposed solution, if any, and the required actions and the action organization, if determined

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-016

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: H. H. Dow	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-016
TITLE OF DOCUMENT: REPORT, PROJECT PROGRESS (MONTHLY)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 20	
USE OF DOCUMENT: To provide periodic documentation for customer information of all significant Project events, both progress and problem, during the reporting period.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-021, Report, Weekly Activity PC-002, Report, Contract Status PC-003, Report, Incentive Contract Analysis SC-009, Report, Project Level Milestones				UPDATE (FREQUENCY OR MILESTONE): Not applicable		ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX			
REFERENCE DOCUMENTS:				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-016

The report may comprise a project summary section together with attached progress reports for the respective functional and performing areas.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. These periodic progress reports shall provide a detailed description of the significant progress accomplished in all major project areas, as compared to that forecasted, for the reporting period.
2. The reports shall highlight the significant events, detail all notable accomplishments in the performing areas, discuss current problems that may delay planned performance along with proposed corrective actions, and include a forecast of tasks to be continued, to be started, and to be completed in each functional and performing area.
3. The report shall be categorized to provide the progress of all Project areas such as:
 - a. Project management (configuration, technical, administration, data, subcontractor)
 - b. Design (for each subsystem)
 - c. Manufacturing
 - d. Procurement
 - e. Quality Assurance
 - f. Reliability Assurance
 - g. Testing
 - h. Facilities

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-017

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-017
TITLE OF DOCUMENT: REPORT, PROJECT REVIEW SCHEDULE AND AGENDA				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 100	
USE OF DOCUMENT: To obtain customer concurrence of date, subject and personnel for formal Project review meetings. Such reviews to include critical project reviews, quarterly reviews, technical direction meetings, PAR, S/C system integration meetings, Project reviews and design reviews.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> OTHERWISE AS SPECIFIED As required		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): Not applicable ESTIMATED EXPIRATION DATE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-014, Report, Project Review				CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN			
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: <u>Project Manager</u>		BY _____		_____ BY _____		_____	
_____		_____		_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MA-017

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Project review schedule and agenda reports will be prepared sufficiently in advance of the scheduled meetings to allow adequate time for review and concurrence by all participants. The schedule and agenda shall contain, as a minimum, the following:

1. Subject of meeting
2. Date, time and place
3. Summary of items to be covered and actions expected
4. Personnel to attend
5. Required preparation
6. Supporting information or references
7. Meeting chairman and other contacts
8. Visit arrangements

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-018

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-018
TITLE OF DOCUMENT: REPORT, FILM				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Project Control			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 2	
USE OF DOCUMENT: To provide the customer a visual presentation and analysis of significant highlights of Project development and progress.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-007, Plan, Project Implementation MA-019, Report, Quarterly Written				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
				<input type="checkbox"/> ANNUALLY <input checked="" type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		UPDATE (FREQUENCY OR MILESTONE):	
						Not applicable	
FORM OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input checked="" type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:							
Project Manager		BY				BY	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
MA-018

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. Motion picture photographic coverage shall consist of, but not be limited to, highlight aspects of the Project. Subject matter shall consist of, but not be limited to, the following:
 - a. Design and development
 - b. Contractor facilities
 - c. Mock-up and models during development phases
 - d. Hardware fabrication
 - e. Test activities
 - f. Project milestones, major events and subjects
 - g. Training
 - h. Field activities
 - i. Project related events and subjects
2. Photographic coverage of functions of principal and major subcontractors shall also be included.
3. Subject matter shall include coverage of unsuccessful results and partial successes as well as successful event coverage.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-018

4. Photography shall be in color, exposed at 24 frames per second, except in instances where the capability of the color film or the speed of the action would be detrimental to the accomplishment of the objectives of the photographic coverage.
5. Coverage shall be with 16mm Ektachrome commercial film.
6. The original film exposed in connection with the contract shall not be cut, except to remove the following:
 - a. Instrumentation footage such as dial readings and oscillography
 - b. Excessive footage of one subject from the same camera angle
 - c. Unsatisfactory "takes" from a technical photographic standpoint
7. Input shall normally contain a minimum of 300 to 400 feet of film and shall consists of the original exposed film.
8. Each input shall be accompanied by two typewritten "Shot Lists," identifying each scene by length and content and by a "Subject Description," explaining the subject matter of the input and its relationship to the overall project.
9. All scenes shall be adequately stated with contractor identification, date photographed, scene, and take number.

GE EXHIBIT DRD MA-019

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-019
TITLE OF DOCUMENT: REPORT, QUARTERLY, WRITTEN				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Project Control			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 20	
USE OF DOCUMENT: To provide periodic summary documentation for customer information of all significant Project events, both progress and problem, during the reporting period.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-016, Report, Project Progress Monthly MA-020, Report, Resource Requirements/Availability PC-003, *Report, Incentive Contract Analysis				<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		UPDATE (FREQUENCY OR MILESTONE):	
						Not applicable	
						ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> GROUP 1 <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> GROUP 2 <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> GROUP 3 <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROJECT DISCREET <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> NOFORN <input type="checkbox"/> PUBLIC DOMAIN							
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> CATALOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL			
				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
SUBMIT FOR REVIEW TO:		DRAFT	DATE	PREPUBLICATION PROOF	DATE		
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_____		BY	_____	_____	BY	_____	
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SUBMIT FOR APPROVAL TO:							
_____				_____			
Project Manager		BY	_____	_____	BY	_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-019

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

1. The Quarterly Written Report shall be a summation for management of the significant items contained in each of the monthly progress reports for the period covered.
2. These periodic progress reports shall provide a summarized description of the significant progress accomplished in all major project areas, as compared to that forecasted, for the reporting period.
3. The reports shall highlight the significant events, summarize all notable accomplishments in the performing areas, discuss current problems that may delay planned performance along with proposed corrective actions, and include a forecast of tasks to be continued, to be started, and to be completed in each functional and performing area.
4. The report shall be categorized to provide the progress of all Project areas such as:
 - a. Project management (configuration, technical, administration, data, subcontractor)
 - b. Design (for each subsystem)
 - c. Manufacturing
 - d. Procurement
 - e. Quality Assurance
 - f. Reliability Assurance
 - g. Testing
 - h. Facilities

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-020

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:	CONTRACT NO.:	DRD NO.:
	MA			R. Ginsberg	7/28/67		MA-020
TITLE OF DOCUMENT: REPORT, RESOURCE REQUIREMENTS/AVAILABILITY				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Facilities/Finance			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
USE OF DOCUMENT: Provides Project management a comparison of resource requirements of manpower, facilities and funds versus availability. Identifies problem areas and possible solutions.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO OF COPIES:	
						20	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-007, Plan, Project Implementation MA-012, Plan, Facility MG-009, Plan, Manufacturing PC-002, Report, Contract Status TE-001, Plan, Integrated Test				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> GROUP 1 <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> GROUP 2 <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> GROUP 3 <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROJECT DISCREET <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> NOFORN <input type="checkbox"/> PUBLIC DOMAIN				<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		UPDATE (FREQUENCY OR MILESTONE):	
						SDR	
						Not applicable	
FORM OF DATA: KIND OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> ABSTRACT <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> CHART <input type="checkbox"/> BROCHURE <input type="checkbox"/> LETTER <input type="checkbox"/> DIAGRAM <input type="checkbox"/> BULLETIN <input type="checkbox"/> LIST <input type="checkbox"/> DRAWING <input type="checkbox"/> CATALOG <input type="checkbox"/> LOG <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> CONTRACT <input type="checkbox"/> MANUAL <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MODEL <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> MINUTES <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> ENGINEERING CHANGE <input type="checkbox"/> PLAN <input type="checkbox"/> COMPUTER CARD ORDER <input type="checkbox"/> PROCEDURE <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> SCHEDULE <input type="checkbox"/> OTHER <input type="checkbox"/> HANDBOOK <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> INDEX <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
				REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)			
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-020

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Resource Requirements/Availability Report will provide resource status data and identification of problem areas which have a significant effect on Project progress and which requires action/resolution by Project management. The report shall include, as a minimum, the following:

1. Comparison of requirements versus availability of the following for the period covered.
 - a. Manpower
 - b. Facilities and equipment
 - c. Funding
2. A projection of future requirements versus availability as above.
3. A description of current and anticipated problem areas with possible solutions defined for each. Typical of the problem areas and solutions which may be derived are as follows:

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

- a. Conflicting requirements for the same test facility at the same time will be identified. The solution may involve rescheduling one or more tests, use of an alternate facility, combining tests, or other arrangements. Effects of each alternative on technical adequacy, manpower, schedules, and cost will be evaluated in arriving at the solution.
 - b. Planning may indicate a very high level of effort in a particular group for a short period of time due to several jobs being performed at the same time. Rescheduling may permit sequential performance of these jobs without significant overall schedule effect.
 - c. Critical paths indicated by PERT planning may be relieved by diverting effort to paths with ample slack time.
 - d. Pacing items will be identified. These might include facility construction, manpower build-up, training, availability of interface information, or other factors. Tradeoffs will be made between possible ways to expedite such items and other scheduling adjustments or alternate approaches which may compensate for, or circumvent, the limitations they appear to impose. In each case, technical and cost effects will be evaluated, as well as schedule effects.
4. The report shall also highlight similar areas for principal and major subcontractors as appropriate.

GE EXHIBIT DRD MA-021

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:																																																																									
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:																																																																								
		MA			R. Ginsberg	7/28/67			MA-021																																																																								
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USE OF DOCUMENT: Provides a weekly summary to customer of Project progress and current problems, of a significant nature. Problems will include those requiring joint customer/contractor action.							20																																																																										
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INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-003, Project Policies, Procedures and Directives MA-008, Plan, Project Control MA-015, Report, Project Problem/Action (Red Flag)					FREQUENCY OF ISSUE:		PUBLICATION DATE:																																																																										
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<table><thead><tr><th colspan="2">DRAFT</th><th colspan="2">DATE</th><th colspan="2">PREPUBLICATION PROOF</th><th colspan="2">DATE</th></tr></thead><tbody><tr><td colspan="2">SUBMIT FOR REVIEW TO: _____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">_____ BY _____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">SUBMIT FOR APPROVAL TO: _____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">_____ BY _____</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr><tr><td colspan="2">Project Manager</td><td colspan="2">_____</td><td colspan="2">_____</td><td colspan="2">_____</td></tr></tbody></table>										DRAFT		DATE		PREPUBLICATION PROOF		DATE		SUBMIT FOR REVIEW TO: _____		_____		_____		_____		_____		_____		_____		_____		_____ BY _____		_____		_____		_____		_____		_____		_____		_____		_____		_____		_____		_____		SUBMIT FOR APPROVAL TO: _____		_____		_____		_____		_____ BY _____		_____		_____		_____		Project Manager		_____		_____		_____	
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VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MA-021

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Weekly Activity Report will be a brief summary report of the weekly status reports required in-house for each work package. Reports by work package will be at the level agreed to between the customer and contractor. Particular attention will be paid to current and anticipated problem areas, potential slips in scheduled dates, and those significant items which are not available from a routine printout of the Project data bank. Similar information from principal and major subcontractors will be included in the report as appropriate.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-022

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		MA			R. Ginsberg	7/28/67			MA-022
TITLE OF DOCUMENT: REPORT, SCHEDULE/COST COUPLING SUMMARY					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Project Control				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Correlates and summarizes cost, schedule and technical trend data at the task and subtask level in a single report. Provides Project management with an overall perspective of cost/schedule effectiveness.							20		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
					FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-022, Report, Schedule/Cost Coupling							UPDATE (FREQUENCY OR MILESTONE): Not applicable		
							ESTIMATED EXPIRATION DATE:		
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN				
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REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)					REFERENCE DOCUMENTS:				
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PREPUBLICATION PROOF					DATE				
SUBMIT FOR REVIEW TO:									
BY					BY				
SUBMIT FOR APPROVAL TO:									
Project Manager					BY				

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MA-022

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Schedule/Cost Coupling Summary Report will be a computerized summation of the Schedule/Cost Coupling Report using the same format. Summary will be by subtask, task, phase, Project and by performing operation and section.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-023

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:					
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY:		DATE:		CONTRACT NO.:					
		MA				R. Ginsberg		7/28/67							
TITLE OF DOCUMENT: *REPORT, SCHEDULE/COST COUPLING						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD NO.:					
						Project Control				MA-023					
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:					
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:					
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES:							
USE OF DOCUMENT: Correlates cost, schedule and technical trend data at the work package and performing component level in a single report and from several viewpoints. Enables cognizant engineers, component managers and project control to anticipate potential trouble areas and appraise Project management.								20							
						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:							
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:							
						FREQUENCY OF ISSUE:		PUBLICATION DATE:							
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-002, Instruction, Project Funding (PFI) MA-008, Plan, Project Control MF-001, Report, Material Commitment MF-004, Report, Vouchered Hours						<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR		UPDATE (FREQUENCY OR MILESTONE):					
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								ESTIMATED EXPIRATION DATE:							
CLASSIFICATION:						<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN							
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FORM OF DATA:						KIND OF DATA:									
<input checked="" type="checkbox"/> PRINTED DOCUMENT						<input type="checkbox"/> ABSTRACT									
<input type="checkbox"/> CHART						<input type="checkbox"/> INSTRUCTION									
<input type="checkbox"/> DIAGRAM						<input type="checkbox"/> LETTER									
<input type="checkbox"/> DRAWING						<input type="checkbox"/> LIST									
<input type="checkbox"/> FILM (STATIC OR MOTION)						<input type="checkbox"/> LOG									
<input type="checkbox"/> ILLUSTRATION						<input type="checkbox"/> MANUAL									
<input type="checkbox"/> MODEL						<input type="checkbox"/> MEMORANDUM									
<input type="checkbox"/> RECORDING (TAPE OR DISC)						<input type="checkbox"/> MINUTES									
<input type="checkbox"/> COMPUTER CARD						<input type="checkbox"/> PLAN									
<input type="checkbox"/> COMPUTER TAPE						<input type="checkbox"/> PROCEDURE									
<input type="checkbox"/> MICROFILM (W/OR W/O CARD)						<input type="checkbox"/> REGULATION									
<input type="checkbox"/> OTHER						<input type="checkbox"/> REPORT									
						<input type="checkbox"/> SCHEDULE									
						<input type="checkbox"/> SPECIFICATION									
						<input type="checkbox"/> STANDARD									
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APPLICABLE STANDARDS:															
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DRAFT				DATE				PREPUBLICATION PROOF				DATE			
SUBMIT FOR REVIEW TO:															
				BY								BY			
SUBMIT FOR APPROVAL TO:															
Manager, Project				BY								BY			
Control															

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-023

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Schedule/Cost Coupling Report will be a computerized summation of current month expenditures versus those funded, inception-to-date expenditures versus those planned in the customer base line (CBL), net open commitments, and estimated final cost at completion according to: (1) the CBL, (2) the latest plan expressed in the PFI, (3) a calculated value for percent complete and (4) an independent assessment of percent complete (value) by the cognizant engineer. All of the above will be segregated by work package and responsible operation.

The report will be prepared in accordance with the attached sample forms.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

PROJECT PERFORMANCE REPORT	SHOP ORDER NO	CURRENT MONTH		INCEPTION TO DATE		COST AT COMPLETION		NET OPEN		PCT		MILESTONES	
		ACTUAL	FUNDED	ACTUAL	CBL	CBL	PLAN	VALUE	COMMIT	CMPL	ACTUAL	CBL	

1121KF342CXX HOURS	1	2	3	4	5	6	7		8	9		10	
1121KF342CSS LABOR													
1121KF342CXX MAT													
1121KF342CXX TOTAL													

1121KF342DXX HOURS													
1121KF342DXX LABOR													
1121KF342DXX MAT													
1121KF342JXX TOTAL													

C LEVEL HOURS
C LEVEL LAEOR
C LEVEL MAT
C LEVEL TOTAL

1122KF342CXX HOURS													
1122KF342CXX LABOR													
1122KF342CXX MAT													
1122KF342CXX TOTAL													

1122KF342DXX HOURS													
1122KF342DXX LAEOR													
1122KF342DXX MAT													
1122KF342DXX TOTAL													

PROJECT PERFORMANCE REPORT BY RESPONSIBLE OPERATION

SHOP ORDER NO	PROJECT PERFORMANCE REPORT		VOYAGER PROJECT		BY WORK PACKAGE		NET OPEN		PCT		MILESTONES	
	CURRENT MONTH	INCEPTION TO DATE	COST AT COMPLETION	PLAN	VALUE	COMMIT	COMMIT	COMMIT	COMMIT	COMMIT	ACTUAL	ACTUAL
	ACTUAL	FUNDED	ACTUAL	CBL	CBL	PLAN	VALUE	COMMIT	COMMIT	COMMIT	ACTUAL	ACTUAL
1122KF342CXX HOURS	1	2	3	4	5	6	7	8	9	10		
1122KF342CXX LABOR												
1122KF342CXX MAT												
1122KF342CXX TOTAL												
1121KF342CXX HOURS												
1121KF342CXX LABOR												
1121KF342CXX MAT												
1121KF342CXX TOTAL												
W P TOTAL												
1122KF342DXX HOURS												
1122KF342DXX LABOR												
1122KF342DXX MAT												
1122KF342DXX TOTAL												
1121KF342DXX HOURS												
1121KF342DXX LABOR												
1121KF342DXX MAT												
1121KF342DXX TOTAL												
W P TOTAL												

PROJECT PERFORMANCE REPORT BY WORK PACKAGE

GE EXHIBIT DRD MA-024

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-024
TITLE OF DOCUMENT: REPORT, CONTACT				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Engineering		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 20	
USE OF DOCUMENT: Provides for management rapid, formal documentation of the results of customer/contractor/subcontractor informal communications at all levels which affect Project status or commitments.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: DM-005, List, Contact Report MA-003, Project Policies, Procedures, and Directives MA-008, Plan, Project Control				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED As required		PUBLICATION DATE: SDR	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX			
				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Not applicable							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

MA-024

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Contact reports will be generated as a result of all informal communications with customers or subcontractors wherein pertinent information is discussed or exchanged. Pertinent information is defined to include the following:

- a. Contacts where agreement is reached to request a change to cost, schedule, performance or an interface
- b. Contacts where agreement is reached to request a change to approved document/data (i.e., test plan, CEI list, etc.)
- c. Contacts where action or decisions are required by someone other than those involved in the contact
- d. Contacts that result in a request for a change in a scheduled milestone
- e. Contacts that result in a change to a previous decision
- f. Contacts that result in the release of GE or a subcontractor from a commitment, (i.e., action item, information request, meeting attendance, etc.)
- g. Contacts that result in a commitment by the customer (i.e., action items, decision date, etc.)

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MA-024

Contacts not considered pertinent include the following:

- a. Information only
- b. Verification contact (i.e., meeting date, agenda, attendees, etc.)
- c. Meetings at which minutes are required

Contact reports will be prepared in accordance with the attached sample form.

VOYAGER CONTACT REPORT (RC)

This is a report of a contact made on

_____ between _____
date name of person
_____ and _____
and organization name of person

and organization

Report No. VC . . . RC . . .

Date of Report _____

Prepared by _____

Ref CEI No. _____

Ref CII No. _____

Ref Work Package _____

Verification _____

Report Received _____

METHOD OF CONTACT

☐ Personal Visit

Telephone

TWX (attach copy)

☐ Letter (attach copy)

Conference (attach agenda, list of attendees, etc.)

Place _____ Date _____

DISCUSSION

RECOMMENDED ACTION

Reference other telephone calls, TWX's, letters, etc. _____

(Contact Report Nos.)

STANDARD DISTRIBUTION

Voyager Project Office, Pasadena
VPME
Project Control Office, GE
Contract and Resources Management
Subsystem Cognizant Engineer

ADDITIONAL DISTRIBUTION

Subcontractor Project Control Office

VOYAGER Contact Report

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:		
ORGANIZATION ORIGINATING REQUIREMENT	CODE: MA	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: R. Ginsberg	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MA-025		
TITLE OF DOCUMENT: PLAN. CONTINGENCY OPERATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRD ITEM NO.		
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:		
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:		
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO OF COPIES: 100			
USE OF DOCUMENT: Provides overall plan to be implemented by Project personnel in the event of a grave emergency.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: DM-009. Plan, Data Management (Contractor) MA-003. Project Policies, Procedures and Directives MA-012. Plan, Facility				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED One time			
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input checked="" type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS: APPLICABLE STANDARDS	
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
SUBMIT FOR REVIEW TO:		DRAFT	DATE	PREPUBLICATION PROOF	DATE				
_____			_____	_____	_____				
_____		BY	_____	_____	BY	_____			
_____			_____	_____		_____			
_____			_____	_____		_____			
SUBMIT FOR APPROVAL TO:									
Project Manager		BY	_____	_____	BY	_____			
_____			_____	_____		_____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
MA-025

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The plan shall provide procedures for the protection of all Project property, government and contractor-owned facilities and equipment, and for the prevention or minimizing personnel casualties resulting from a grave emergency. Such emergencies shall include acts of sabotage, labor disturbances, riots, fire, explosions, and acts of God. The plan shall include, but not be limited to, the following:

1. The levels of emergency
2. Methods and procedures for plant protection
3. Methods and procedures for Project property protection
4. Methods and procedures for personnel protection
5. Personnel training and indoctrination
6. Evacuation routes
7. Communications
8. Emergency areas and equipment

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

Scheduling Data Requirement Descriptions

<u>DRD Number</u>	<u>Title</u>
SC-001	*Schedule, Change Request/Notice
SC-002	Schedule, Project Level (PERT)
SC-003	Schedule, Project Level (Milestone)
SC-004	Schedule, Task and Sub-Task Level (PERT)
SC-005	Schedule, Task and Sub-Task Level (Milestone)
SC-006	*Schedule, Detail PERT Fragnets
SC-007	*Schedule, Work Package and Cost Account Level (Milestone)
SC-008	Report, Project Level (PERT)
SC-009	Report, Project Level Milestones
SC-010	Report, Task and Sub-Task Level (PERT)
SC-011	Report, Task and Sub-Task Level Milestones
SC-012	*Report, Detail PERT Fragnet Status
SC-013	*Report, Work Package and Account Level Milestones
SC-014	*List, Special Schedule Printouts

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		SC			F. Pfluger	7/28/67			SC-001
TITLE OF DOCUMENT: REQUEST/NOTICE, SCHEDULE CHANGE					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Project Control				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input checked="" type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
USE OF DOCUMENT: Used to request and authorize significant contractor schedule changes.					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
							5		
					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN					<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED As required		UPDATE (FREQUENCY OR MILESTONE):		
							As required		
							ESTIMATED EXPIRATION DATE:		
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					REFERENCE DOCUMENTS:				
KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX					APPLICABLE STANDARDS:				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT					DATE				
SUBMIT FOR REVIEW TO:					PREPUBLICATION PROOF				
BY					DATE				
SUBMIT FOR APPROVAL TO:					BY				
Manager, Project Control									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

SC-001

This form will be used for requesting changes to customer established and/or interface scheduled dates (i.e., Project Level Milestone Schedule).

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Request	{	Event(s) for which schedule change is requested
		Current and proposed change date
		Justification for requesting change
		Effect of change (i.e., all effected milestones)

Notice	{	Approval of change
--------	---	--------------------

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-002

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:							
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: SC		OFFICE RESPONSIBLE FOR DRD: CODE:		DRD PREPARED BY: F. Pfluger		DATE: 7/28/67		CONTRACT NO.: SC-002							
TITLE OF DOCUMENT: SCHEDULE, PROJECT LEVEL (PERT)						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:		DRL ITEM NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:							
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:							
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION						ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 5									
USE OF DOCUMENT: Used to develop schedule requirements for Project level events.						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:									
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:									
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-007, Plan, Project Implementation MA-008, Plan, Project Control MG-009, Plan, Manufacturing SE-001, Plan, System Development TE-001, Plan, Integrated Test						FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR									
								UPDATE (FREQUENCY OR MILESTONE): Not applicable									
								ESTIMATED EXPIRATION DATE:									
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED						<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN									
FORM OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input checked="" type="checkbox"/> OTHER <u>PERT Network</u>						KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX						<input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER					
						REFERENCE DOCUMENTS:						APPLICABLE STANDARDS:					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)																	
SUBMIT FOR REVIEW TO:				DRAFT		DATE		PREPUBLICATION PROOF		DATE							
_____				_____		_____		_____		_____							
_____				BY _____		_____		BY _____		_____							
_____				_____		_____		_____		_____							
_____				_____		_____		_____		_____							
SUBMIT FOR APPROVAL TO:				BY _____		_____		BY _____		_____							
_____				Manager, Project Control		_____		_____		_____							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
SC-002

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

A diagram depicting significant contractor project level activities and events, their inter-relationships, activity time estimates, expected and latest allowable completion dates for each event, and the slack time. This network and the Project Level (Milestone) Schedule will be the basis for all lower-level schedules and networks. A Project Level Milestone is defined as a customer-established milestone plus those additional internal milestones added by the contractor Project Manager for the purpose of adequate tracking and measuring of the customer-established milestones.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-003

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-003
TITLE OF DOCUMENT: SCHEDULE, PROJECT LEVEL (MILESTONE)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO OF COPIES: 5	
USE OF DOCUMENT: Used to record planned and actual completion dates of contractor Project level events (milestones).				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control PC-026, *Schedule, Project Procurement SC-002, Schedule, Project Level (PERT)				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
				<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> GROUP 1 <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> GROUP 2 <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> GROUP 3 <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROJECT DISCREET <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> NOFORN <input type="checkbox"/> PUBLIC DOMAIN				ESTIMATED EXPIRATION DATE:			
FORM OF DATA: KIND OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> ABSTRACT <input type="checkbox"/> INSTRUCTION <input checked="" type="checkbox"/> CHART <input type="checkbox"/> BROCHURE <input type="checkbox"/> LETTER <input type="checkbox"/> DIAGRAM <input type="checkbox"/> BULLETIN <input type="checkbox"/> LIST <input type="checkbox"/> DRAWING <input type="checkbox"/> CATALOG <input type="checkbox"/> LOG <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> CONTRACT <input type="checkbox"/> MANUAL <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MODEL <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> MINUTES <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> PLAN <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> PROCEDURE <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input checked="" type="checkbox"/> SCHEDULE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> HANDBOOK <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> OTHER <input type="checkbox"/> INDEX <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER							
REFERENCE DOCUMENTS:				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____ BY _____		_____ BY _____		_____ BY _____	
SUBMIT FOR APPROVAL TO: _____		_____		_____		_____	
_____ BY _____		_____ BY _____		_____ BY _____		_____ BY _____	
Project Manager		_____		_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
SC-003

Once approved, this schedule cannot be changed without an approved Schedule Change Notice.

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Matrix of Project Level Events (Milestones) and time scale. The planned and actual completion dates of each event are shown at the appropriate point along the time scale. This schedule will match the project level PERT but in a form more usable for management appraisal and review than a network. It will be of the bar chart and milestone format indicating all project level milestones (as defined in the DRD for Schedule, Project Level PERT).

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-004

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-004
TITLE OF DOCUMENT: <div style="text-align: center; font-weight: bold; padding: 10px;"> SCHEDULE, TASK AND SUBTASK LEVEL (PERT) </div>				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:
				Project Control			
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25	
USE OF DOCUMENT: Used to develop schedule requirements for task and subtask level events.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-009, Plan, Manufacturing QA-009, Plan, Quality Assurance Program SC-005, Schedule, Task and Subtask Level (Milestone) TE-001, Plan, Integrated Test				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> GROUP 1 <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> GROUP 2 <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> GROUP 3 <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROJECT DISCREET <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> NOFORN <input type="checkbox"/> PUBLIC DOMAIN				FREQUENCY OF ISSUE:		PUBLICATION DATE:	
				<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR UPDATE (FREQUENCY OR MILESTONE): Not applicable	
FORM OF DATA: KIND OF DATA: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input checked="" type="checkbox"/> OTHER <u>PERT Network</u> </div> <div style="width: 30%;"> <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX </div> <div style="width: 30%;"> <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER </div> </div>				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO: _____		_____		_____		_____	
_____ BY _____		_____		_____ BY _____		_____	
_____		_____		_____		_____	
SUBMIT FOR APPROVAL TO: _____		_____ BY _____		_____ BY _____		_____	
_____		_____		_____		_____	
Manager, Project Control		_____		_____		_____	

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

SC-004

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Diagrams depicting significant task and subtask level activities and events, their interrelationships, activity time estimates, expected and latest allowable completion dates for each event, and slack time. These networks and the task and subtask level milestone schedules will be based upon the project level network and milestone schedule.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-005
TITLE OF DOCUMENT: SCHEDULE, TASK AND SUBTASK LEVEL (MILESTONE)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25	
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
USE OF DOCUMENT: Used to record planned and actual completion dates of task and subtask level events (Milestones)				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control PC-026, *Schedule, Project Procurement SC-004, Schedule, Task and Subtask Level, PERT				UPDATE (FREQUENCY OR MILESTONE): Not applicable		ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN			
<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN							
FORM OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input checked="" type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX			
				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Manager, Project Control							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

SC-005

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Matrix of task and subtask level events (milestones) and time scale. The planned and actual completion dates of each event are shown at the appropriate point along the time scale. This schedule will match the task and subtask level PERT but in a form more usable for management appraisal and review than a network. It will be of the bar chart and milestone format indicating all task and subtask level milestones.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-006

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:				
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-006				
TITLE OF DOCUMENT: *SCHEDULE, DETAIL PERT FRAGNETS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:				
TYPE OF DOCUMENT: <input checked="" type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25					
USE OF DOCUMENT: Used to develop schedule requirements for critical activities.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-007, Plan, Project Implementation MA-008, Plan, Project Control MG-009, Plan, Manufacturing SE-001, Plan, System Development TE-001, Plan, Integrated Test				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR					
						UPDATE (FREQUENCY OR MILESTONE): Not applicable					
				CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED		<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		ESTIMATED EXPIRATION DATE:	
FORM OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input checked="" type="checkbox"/> OTHER <u>PERT Network</u>				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS:			
								APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
DRAFT		DATE		PREPUBLICATION PROOF		DATE					
SUBMIT FOR REVIEW TO:		BY		BY		BY					
SUBMIT FOR APPROVAL TO:		BY		BY		BY					
Manager, Project Control											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

SC-006

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Diagram depicting significant activities and events of critical activities, their interrelationships, activity time estimates, expected and latest allowable completion dates for each event, and slack time. These networks and the work package and cost account level milestone schedule will be based upon all higher-level networks and schedules.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-007

[illegible]

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:

SC-007

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Matrix of detailed milestones and time scale. The planned and actual completion dates of each event are shown at the appropriate point along the time scale. This schedule will match the detail PERT fragnets but will be in a form more usable for management appraisal and review than the networks.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

SC-008

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Computer printout containing Project level activity descriptions, current expected completion dates, latest allowable dates, and slack times.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-009
TITLE OF DOCUMENT: REPORT, PROJECT LEVEL MILESTONES				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION							
USE OF DOCUMENT: Used to report current status of contractor Project level events.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-016, Report, Project Progress Monthly MA-021, Report, Weekly Activity PC-002, Report, Contract Status				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable	
						ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN			
<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN							
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX			
				REFERENCE DOCUMENTS: APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

SC-009

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

This report will indicate the status of the Project Level Milestones in the reporting period and those in the next several reporting periods. The latter will be indicated as percent complete as of the end of the reporting period supported by a prediction of the probability of meeting these future milestones. This prediction will be based upon the status and analysis of all the sub-project level milestones upon which each of the project level milestones is dependent. This report will stand by itself as a report but will be the data to be combined with the data in the project level cost report which will constitute a cost/schedule coupling report of the project level status.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-010

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:				
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-010				
TITLE OF DOCUMENT: <div style="text-align: center; font-weight: bold;">REPORT, TASK AND SUBTASK LEVEL PERT</div>				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:	DRL ITEM NO.:				
				Project Control							
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:				
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25					
USE OF DOCUMENT: Used to indicate potential effect of progress to date upon total effort.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-021, Report, Weekly Activity SC-004, Schedule, Task and Subtask Level PERT				FREQUENCY OF ISSUE:		PUBLICATION DATE:					
				<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR UPDATE (FREQUENCY OR MILESTONE): Not applicable ESTIMATED EXPIRATION DATE:					
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN				<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN			
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				REFERENCE DOCUMENTS: APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
DRAFT		DATE		PREPUBLICATION PROOF		DATE					
SUBMIT FOR REVIEW TO:		BY		BY							
_____		_____		_____		_____					
_____		_____		_____		_____					
_____		_____		_____		_____					
SUBMIT FOR APPROVAL TO:		BY		BY							
Manager, Project Control		_____		_____		_____					

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
SC-010

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Computer printout containing task and subtask level activity descriptions, current expected completion dates, latest allowable dates, and slack times.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-011

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:				
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: SC-011				
TITLE OF DOCUMENT: REPORT, TASK AND SUBTASK LEVEL MILESTONES				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:				
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:				
				TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION							
USE OF DOCUMENT: Used to report current status of contractor task and subtask level events.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25					
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:					
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:					
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR UPDATE (FREQUENCY OR MILESTONE): Biweekly ESTIMATED EXPIRATION DATE:					
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-021, Report, Weekly Activity PC-002, Report, Contract Status SC-005, Schedule, Task and Subtask Level Milestone											
CLASSIFICATION:											
<input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORM					
FORM OF DATA:				REFERENCE DOCUMENTS:							
KIND OF DATA:				APPLICABLE STANDARDS:							
<input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				<input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				<input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
DRAFT		DATE		PREPUBLICATION PROOF		DATE					
SUBMIT FOR REVIEW TO:											
		BY				BY					
SUBMIT FOR APPROVAL TO:		BY				BY					
Manager, Project Control											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
SC-011

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

This report will indicate the status of task and subtask level milestones in the current reporting period and those in the next several reporting periods. The latter will be indicated as percent complete as of the end of the reporting period and will be supported by a prediction of the probability of meeting these future milestones.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY		DATE	DATA CATEGORY
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: SC	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: F. Pfluger	DATE: 7/28/67	CONTRACT NO.:	DRD NO. SC-012
TITLE OF DOCUMENT: *REPORT, DETAIL PERT FRAGNET STATUS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Project Control		TASK OR SUBTASK:	DRL ITEM NO.
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO OF COPIES 25	
USE OF DOCUMENT: Used to indicate potential effect of progress to date upon total effort.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-021, Report, Weekly Activity SC-006, Schedule, Detail PERT Fragnets				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX			
				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY			
SUBMIT FOR APPROVAL TO:		BY		BY			
Manager, Project Control							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

SC-012

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Computer printout containing activity descriptions, current expected completion dates, latest allowable completion dates, and slack time.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD SC-013

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		SC			F. Pfluger	7/28/67			SC-013
TITLE OF DOCUMENT:					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
*REPORT, WORK-PACKAGE AND ACCOUNT LEVEL					Project Control				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Used to report current status of work package and account level events					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control MA-021, Report, Weekly Activity SC-007, *Schedule, Work Package and Cost Account Level (Milestone)					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR		
							UPDATE (FREQUENCY OR MILESTONE): Not applicable		
CLASSIFICATION:					ESTIMATED EXPIRATION DATE:				
<input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		
FORM OF DATA:					REFERENCE DOCUMENTS:				
KIND OF DATA:					APPLICABLE STANDARDS:				
<input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					<input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				
<input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER									
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
DRAFT DATE PREPUBLICATION PROOF DATE									
SUBMIT FOR REVIEW TO: _____ BY _____									
SUBMIT FOR APPROVAL TO: _____ BY _____									
Manager, Project Control									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
SC-013

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

This report will indicate the status of work package and account level milestones in the current reporting period and in the next several reporting periods. The latter will be indicated as percent complete as of the end of the reporting period and will be supported by a prediction of the probability of meeting these future milestones. This report constitutes the lowest level of milestone reporting.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE:	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY:	DATE:		CONTRACT NO.:	DRD NO.:
		SC			F. Pfluger	7/28/67			SC-014
TITLE OF DOCUMENT: LIST, SPECIAL SCHEDULE PRINTOUTS					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION:		TASK OR SUBTASK:		DRD ITEM NO.:
					Project Control				
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION					ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES:		
USE OF DOCUMENT: Used to inform contractor personnel of the various special schedule sorts currently available.					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MA-008, Plan, Project Control					FREQUENCY OF ISSUE:		PUBLICATION DATE:		
					<input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		SDR		
							UPDATE (FREQUENCY OR MILESTONE): Not applicable		
CLASSIFICATION:							ESTIMATED EXPIRATION DATE:		
<input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN				
<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN									
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				
					<input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input checked="" type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)					REFERENCE DOCUMENTS:				
					APPLICABLE STANDARDS:				
SUBMIT FOR REVIEW TO: _____									
BY _____									
SUBMIT FOR APPROVAL TO: _____									
BY _____									
Manager, Project Control									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

SC-014

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Alphabetical list of the various schedule sorts available and frequency of issue from the Project data bank, e.g.:

Engineering Release Schedule
Project Review Schedule
Project Report Schedule
Procurement Schedule
Test Schedule

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

Manning and Financial Data Requirement Descriptions

DRD Number

Title

MF-001	*Report, Material Commitment
MF-002	Report, Contractor Financial Management (Form 533)
MF-003	Report, Overtime
MF-004	*Report, Vouchered Hours
MF-005	*Report Project Financial Performance
MF-006	*Report, Manpower

*Key Informal Data

VOYAGER DATA REQUIREMENT DESCRIPTION						DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: MF	OFFICE RESPONSIBLE FOR DRD:		CODE:	DRD PREPARED BY: W. S. Rosowski		DATE: 7/28/67		CONTRACT NO.: DRD NO.: MF-001	
TITLE OF DOCUMENT: REPORT, MATERIAL COMMITMENT						ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Finance		TASK OR SUBTASK:		DRL ITEM NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:	
						ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:	
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION											
USE OF DOCUMENT: Used by contractor to report, measure and control direct material costs applicable to the program.						ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 6			
						ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:			
						ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:			
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: Supported by Material Requests (MR's)						FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY Summary <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED Two reports		PUBLICATION DATE: SDR		UPDATE (FREQUENCY OR MILESTONE): Not applicable	
										ESTIMATED EXPIRATION DATE:	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> GROUP 1 <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> GROUP 2 <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> GROUP 3 <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROJECT DISCREET <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> NOFORN <input type="checkbox"/> PUBLIC DOMAIN											
FORM OF DATA: KIND OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> ABSTRACT <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> CHART <input type="checkbox"/> BROCHURE <input type="checkbox"/> LETTER <input type="checkbox"/> DIAGRAM <input type="checkbox"/> BULLETIN <input type="checkbox"/> LIST <input type="checkbox"/> DRAWING <input type="checkbox"/> CATALOG <input type="checkbox"/> LOG <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> CONTRACT <input type="checkbox"/> MANUAL <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MODEL <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> MINUTES <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> PLAN <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> PROCEDURE <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> REGULATION <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input checked="" type="checkbox"/> REPORT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SCHEDULE <u>Tab listing</u> <input type="checkbox"/> SPECIFICATION _____ _____ <input type="checkbox"/> STANDARD _____ <input type="checkbox"/> VOUCHER _____ <input type="checkbox"/> INDEX						REFERENCE DOCUMENTS:					
						APPLICABLE STANDARDS:					
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)											
SUBMIT FOR REVIEW TO: _____ BY _____ SUBMIT FOR APPROVAL TO: _____ BY _____ Manager, Finance											

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:
MF-001

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The report is issued on a weekly and monthly summary basis and contains the following:

1. Period reported
2. Shop order number
3. Purchase order number
4. Total commitment - dollar value
5. Amount of invoices paid against the commitment
6. Balance of commitment still open

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:								
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MF	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: W.S. Rosowski	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MF-002								
TITLE OF DOCUMENT: REPORT, CONTRACTOR FINANCIAL MANAGEMENT (FORM 533)				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Finance		TASK OR SUBTASK:	DRL ITEM NO.:								
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:								
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:								
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 25									
USE OF DOCUMENT: The report is used by the contractor to report hours worked and costs incurred for the customer.				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:									
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:									
				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR									
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MF-001, Report, Material Commitment MF-004, Report, Vouchered Hours				UPDATE (FREQUENCY OR MILESTONE): Not applicable		ESTIMATED EXPIRATION DATE:									
				CLASSIFICATION:		GROUP 1 <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED		GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN							
				SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN											
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER 				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX 				REFERENCE DOCUMENTS:							
												APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)															
DRAFT		DATE		PREPUBLICATION PROOF		DATE									
SUBMIT FOR REVIEW TO:		BY		BY		BY									
SUBMIT FOR APPROVAL TO:		BY		BY		BY									
Project Manager															

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
MF-002

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

Information is typed on NASA Form 533 and issued on a monthly basis and contains the following:

1. NASA Center to whom report is submitted and month being reported
2. Name and address of contractor
3. Contract number and type of contract
4. Brief description of contract work scope
5. Data of preparation and authorized signature
6. Contract value, fund limitation, amount billed, and total payments received
7. Hours worked and cost incurred for current month and year to date by reporting level
8. Estimated hours and costs to complete the contract by month for the next three months, by quarter for the balance of the fiscal year and by fiscal year after that period
9. Estimated total hours and costs to complete contract
10. Estimated final costs in hours and costs to complete contract
11. Contract value
12. Estimated completion date
13. Unfilled orders outstanding

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MF-003

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MF	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: W. S. Rosowski	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MF-003
TITLE OF DOCUMENT: REPORT, OVERTIME				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Finance		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
				TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION			
USE OF DOCUMENT: The report is used by the contractor to report and control overtime hours.				ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25	
				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MF-004, *Report, Vouchered Hours				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY Summary <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED Two reports		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable	
						ESTIMATED EXPIRATION DATE:	
CLASSIFICATION:				<input type="checkbox"/> SECRET <input type="checkbox"/> GROUP 1 <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> GROUP 2 <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> GROUP 3 <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input type="checkbox"/> GROUP 4 <input checked="" type="checkbox"/> UNCLASSIFIED <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN			
FORM OF DATA: KIND OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> ABSTRACT <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> CHART <input type="checkbox"/> BROCHURE <input type="checkbox"/> LETTER <input type="checkbox"/> DIAGRAM <input type="checkbox"/> BULLETIN <input type="checkbox"/> LIST <input type="checkbox"/> DRAWING <input type="checkbox"/> CATALOG <input type="checkbox"/> LOG <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> CONTRACT <input type="checkbox"/> MANUAL <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MODEL <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> MINUTES <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> ENGINEERING CHANGE <input type="checkbox"/> PLAN <input type="checkbox"/> COMPUTER CARD ORDER <input type="checkbox"/> PROCEDURE <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> REGULATION <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> OTHER <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> HANDBOOK <input type="checkbox"/> STANDARD <input type="checkbox"/> INDEX <input type="checkbox"/> VOUCHER				REFERENCE DOCUMENTS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:							
		BY				BY	
SUBMIT FOR APPROVAL TO:		BY				BY	
Project Manager							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

DRD NO.:

MF-003

SPECIAL INSTRUCTIONS:

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Overtime Report lists the following:

1. Total direct overtime hours worked on the program by:
 - a. Total program
 - b. Task or other reporting level
 - c. Functional organization
 - d. Individual

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MF-004

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:	CODE: MF	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: W.S. Rosowski	DATE: 7/28/67	CONTRACT NO.:	DRD NO.: MF-004
TITLE OF DOCUMENT: REPORT, VOUCHERED HOURS				ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Finance		TASK OR SUBTASK:	DRL ITEM NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:	LEVEL NO.:
				ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:	FILE NO.:
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION				ORGANIZATION RESPONSIBLE FOR DOCUMENT STORAGE:		NO. OF COPIES: 6	
USE OF DOCUMENT: Used by contractor to report hours worked by functional organization and name of employee on all shop order numbers				ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:	
				ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:	
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MF-006, Report, Manpower				FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR	
						UPDATE (FREQUENCY OR MILESTONE): Not applicable	
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED				<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN	
FORM OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input checked="" type="checkbox"/> OTHER <u>Tab listing</u>				KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX			
APPLICABLE STANDARDS:				APPLICABLE STANDARDS:			
				APPLICABLE STANDARDS:			
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
DRAFT		DATE		PREPUBLICATION PROOF		DATE	
SUBMIT FOR REVIEW TO:		BY		BY		BY	
SUBMIT FOR APPROVAL TO:		BY		BY		BY	
Manager, Finance							

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
MF-004

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The computerized tab listing report shows the following:

1. Functional organization code
2. Name and payroll number of employee
3. Period reported
4. Type pay of employee (weekly or monthly)
5. Classification of employee (engineer, draftsman, etc.)
6. Each shop order number charged listing regular overtime hours
7. Total hours worked for the week and prior period adjustments
8. Total hours paid for the week
9. Variance - hours charged and paid

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MF-005

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:		DATA CATEGORY:	
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: MF	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: W.S. Rosowski	DATE: 7/28/67		CONTRACT NO.:	DRD NO.: MF-005
TITLE OF DOCUMENT: REPORT, PROJECT FINANCIAL PERFORMANCE					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Finance		TASK OR SUBTASK:		DRD ITEM NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.:		LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.:		FILE NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 25		
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:		
USE OF DOCUMENT: Used by contractor to report, measure, and control direct and indirect costs by project.					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:		
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MF-001, Report, Material Commitment MF-004, Report, Vouchered Hours MF-006, Report, Manpower PC-002, Report, Contract Status					FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> SEMI-MONTHLY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input type="checkbox"/> OTHERWISE, AS SPECIFIED		PUBLICATION DATE: SDR		
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN		<input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		UPDATE (FREQUENCY OR MILESTONE): Not applicable
									ESTIMATED EXPIRATION DATE:
FORM OF DATA: <input checked="" type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input type="checkbox"/> OTHER					KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX				
					REFERENCE DOCUMENTS:				
					APPLICABLE STANDARDS:				
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)									
SUBMIT FOR REVIEW TO: _____ BY _____ DATE _____ PREPUBLICATION PROOF _____ DATE _____									
SUBMIT FOR APPROVAL TO: _____ BY _____ DATE _____ PREPUBLICATION PROOF _____ DATE _____									
Manager, Finance									

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
MF-005

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Project Financial Performance Report lists the following data on a current week and year-to-date basis.

1. Weekly data
 - a. Manpower in effective heads charged to project.
 - b. Labor, overhead, and material costs charged for the week.
2. Year-to-Date
 - a. Cost of labor and overhead of department personnel.
 - b. Cost of material expended and committed.
 - c. Cost of labor and overhead of other departments charging project.
 - d. Budget for period.
 - e. Available balance of funding/budget for period.
 - f. Percentage of completion regarding funding and date scheduled for completion.
 - g. Scheduled completion date.

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

GE EXHIBIT DRD MF-006

VOYAGER DATA REQUIREMENT DESCRIPTION				DRD APPROVED BY:		DATE:	DATA CATEGORY:
ORGANIZATION ORIGINATING REQUIREMENT:		CODE: MF	OFFICE RESPONSIBLE FOR DRD:	CODE:	DRD PREPARED BY: W.S. Rosowski	DATE: 7/28/67	CONTRACT NO.: DRD NO.: MF-006
TITLE OF DOCUMENT: REPORT, MANPOWER					ORGANIZATION RESPONSIBLE FOR DOCUMENT PREPARATION: Finance		TASK OR SUBTASK: DRL ITEM NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT REPRODUCTION:		DRL NO.: LEVEL NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT DISTRIBUTION:		DDL NO.: FILE NO.:
					ORGANIZATION RESPONSIBLE FOR DOCUMENT STOWAGE:		NO. OF COPIES: 6
TYPE OF DOCUMENT: <input type="checkbox"/> CONTROL <input type="checkbox"/> ACTION <input type="checkbox"/> REFERENCE <input checked="" type="checkbox"/> INFORMATION					ESTIMATED MANHOURS FOR SINGLE PREPARATION:		
USE OF DOCUMENT: Used by contractor to report, measure, and control effective manpower charged to each Shop Order by employee class and functional organization					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		INFORMATION CUTOFF DATE OR MILESTONE:
					ESTIMATED COST (\$) FOR SINGLE PREPARATION:		DATE DATA DUE TO USER:
INTERRELATIONSHIP WITH OTHER DATA REQUIREMENTS: MF-004, Report, Vouchered Hours					FREQUENCY OF ISSUE: <input type="checkbox"/> ANNUALLY <input type="checkbox"/> SEMI-ANNUALLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> BI-MONTHLY <input checked="" type="checkbox"/> MONTHLY Summary <input type="checkbox"/> SEMI-MONTHLY <input type="checkbox"/> BI-WEEKLY <input checked="" type="checkbox"/> WEEKLY <input type="checkbox"/> DAILY <input checked="" type="checkbox"/> OTHERWISE, AS SPECIFIED Two reports		PUBLICATION DATE: SDR
					UPDATE (FREQUENCY OR MILESTONE): Not applicable		
CLASSIFICATION: <input type="checkbox"/> SECRET <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET RESTRICTED DATA <input type="checkbox"/> CONFIDENTIAL RESTRICTED DATA <input checked="" type="checkbox"/> UNCLASSIFIED					<input type="checkbox"/> GROUP 1 <input type="checkbox"/> GROUP 2 <input type="checkbox"/> GROUP 3 <input type="checkbox"/> GROUP 4 <input type="checkbox"/> PROPRIETARY <input type="checkbox"/> PUBLIC DOMAIN <input type="checkbox"/> SPECIAL HANDLING <input type="checkbox"/> NASA DISCREET <input type="checkbox"/> JPL DISCREET <input type="checkbox"/> PROJECT DISCREET <input type="checkbox"/> NOFORN		
FORM OF DATA: <input type="checkbox"/> PRINTED DOCUMENT <input type="checkbox"/> CHART <input type="checkbox"/> DIAGRAM <input type="checkbox"/> DRAWING <input type="checkbox"/> FILM (STATIC OR MOTION) <input type="checkbox"/> ILLUSTRATION <input type="checkbox"/> MODEL <input type="checkbox"/> RECORDING (TAPE OR DISC) <input type="checkbox"/> COMPUTER CARD <input type="checkbox"/> COMPUTER TAPE <input type="checkbox"/> MICROFILM (W/OR W/O CARD) <input checked="" type="checkbox"/> OTHER <u>Tab listing</u>					KIND OF DATA: <input type="checkbox"/> ABSTRACT <input type="checkbox"/> BROCHURE <input type="checkbox"/> BULLETIN <input type="checkbox"/> CATALOG <input type="checkbox"/> CONTRACT <input type="checkbox"/> DIRECTIVE <input type="checkbox"/> DISCLOSURE <input type="checkbox"/> ENGINEERING CHANGE ORDER <input type="checkbox"/> REQUEST FOR ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> ENGINEERING CHANGE PROPOSAL <input type="checkbox"/> HANDBOOK <input type="checkbox"/> INDEX <input type="checkbox"/> INSTRUCTION <input type="checkbox"/> LETTER <input type="checkbox"/> LIST <input type="checkbox"/> LOG <input type="checkbox"/> MANUAL <input type="checkbox"/> MEMORANDUM <input type="checkbox"/> MINUTES <input type="checkbox"/> PLAN <input type="checkbox"/> PROCEDURE <input type="checkbox"/> REGULATION <input checked="" type="checkbox"/> REPORT <input type="checkbox"/> SCHEDULE <input type="checkbox"/> SPECIFICATION <input type="checkbox"/> STANDARD <input type="checkbox"/> VOUCHER		
					APPLICABLE STANDARDS:		
REVIEWS AND/OR APPROVALS REQUIRED: (LIST IN ORDER OF SUBMITTAL)							
SUBMIT FOR REVIEW TO:		DRAFT	DATE	PREPUBLICATION PROOF	DATE		
_____			_____	_____	_____		
_____		BY	_____	_____	BY	_____	
_____			_____	_____			
_____			_____	_____			
SUBMIT FOR APPROVAL TO:		BY	_____	_____	BY	_____	
_____			_____	_____			
Manager, Finance			_____	_____			

VOYAGER DATA REQUIREMENT DESCRIPTION - 2ND SHEET

SPECIAL INSTRUCTIONS:

DRD NO.:
MF-006

SPECIAL DISTRIBUTION: (IF DISTRIBUTION IS NOT COVERED BY AN EXISTING DDL WRITE IN DISTRIBUTION BELOW)

OUTLINE OF CONTENTS:

The Manpower Report is a computerized tab listing which indicates the following:

1. Time period covered
 - a. Weekly
 - b. Summarized monthly
2. Separate tabulations covering
 - a. Project by shop order sequence
 - b. Function organization then project by shop order sequence
(responsible and performing organization costs)
3. Report details (all costs)
 - a. Shop order number
 - b. Labor classification
 - c. Regular and overtime manpower and effort
 - d. Intermediate and total summaries by task and organization

(CONTINUE ON THIRD SHEET, IF NECESSARY, AND AFFIX TO THIS DRD.)

DOCUMENTATION RELATIONSHIP TREES

A documentation relationship tree has been prepared to show the relationships of data items within each functional category as well as their relationships across categories.

Relationships within each functional category are shown by constructing a tier pattern beginning with the top-level (or governing) data item and relating in descending order all data items within the category to this top-level data item. (The location of a data item at a given level on the diagram does not necessarily indicate the importance of that specific item but identifies and defines its relation to all other data items in that category.)

Relationships between data items in one category and data items in other functional categories are shown by (1) shaded arrows to indicate the direction of the relationship and (2) an alphabetic code to indicate the nature of the interrelationship as follows:

- a. Data items needed for preparation and/or support of the referenced item. (I)
- b. Data items that are supported or needed by this data item. (S)
- c. Data items that relate "to" and provide information of a general nature but are not required in an input or support role. (G)

Each data item appearing on the Data Item List (DIL) was examined and evaluated with respect to its contribution to, or dependence upon, data items appearing in other categories and is included in the diagrams. Additionally, certain data elements indicated in the user flow diagrams (but currently not identified as individual data items) have been shown within a dashed rectangle to clarify relationships.

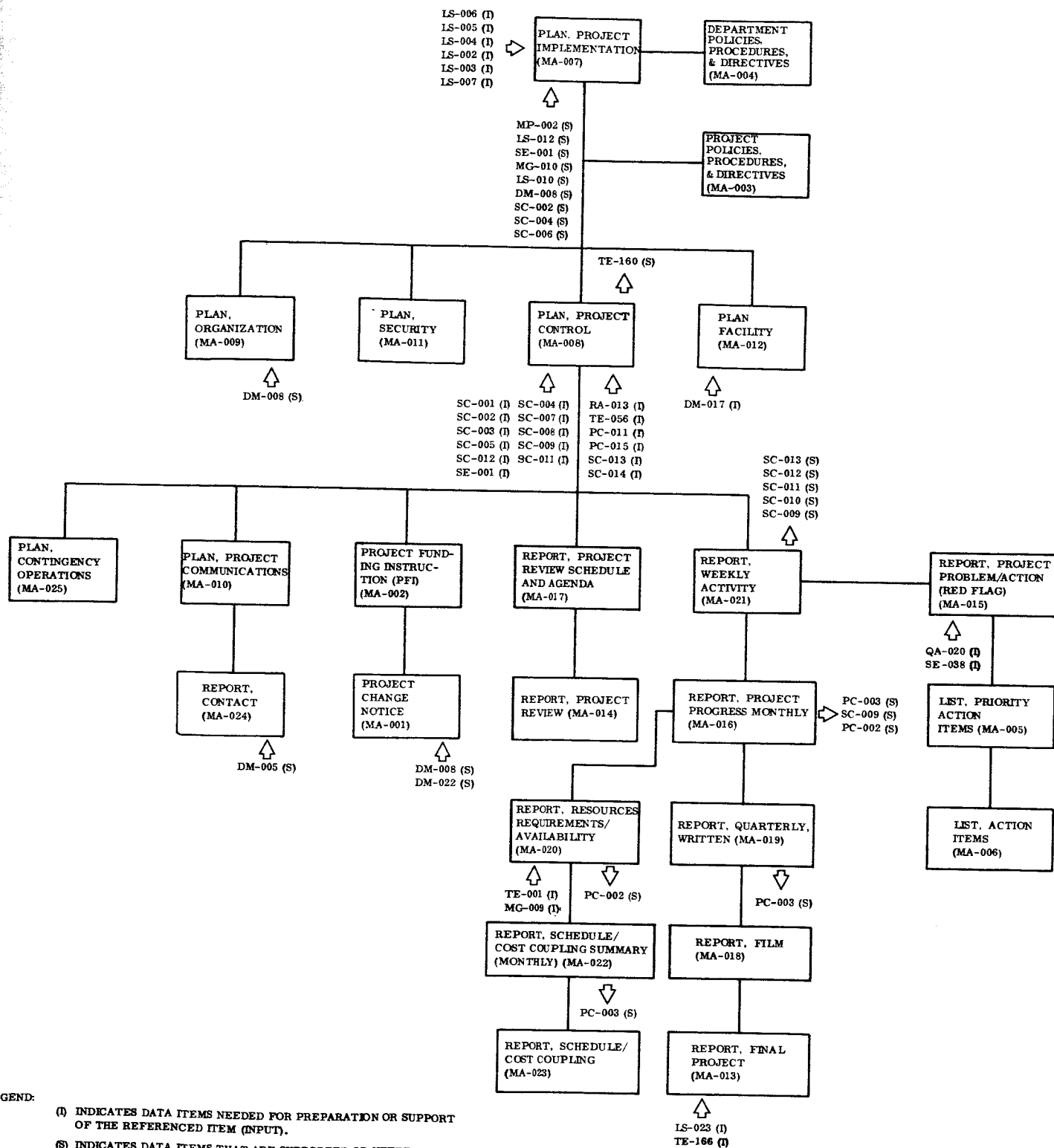
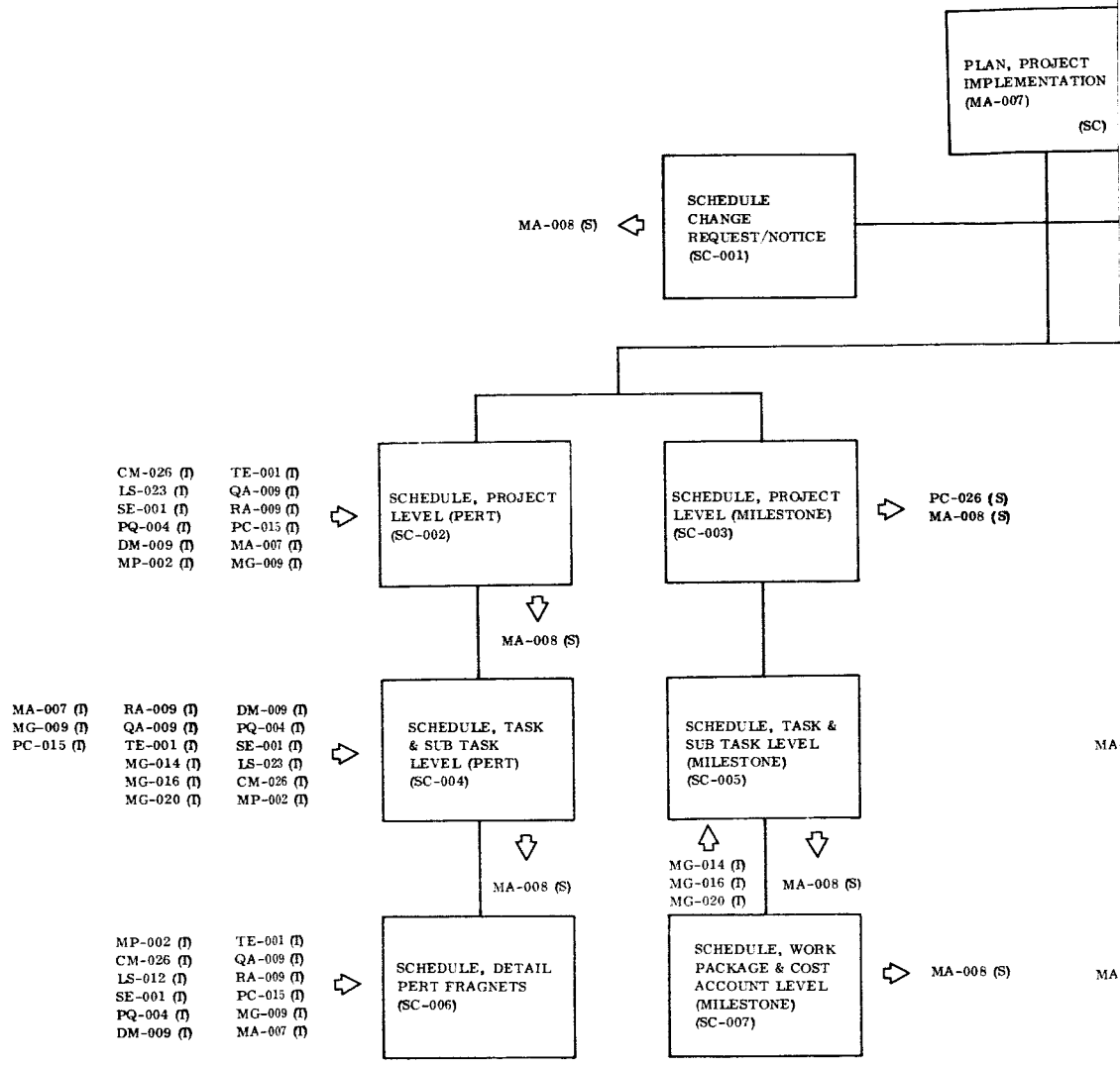


Figure I-3. Overall Management Documentation Relationship Tree (MA)



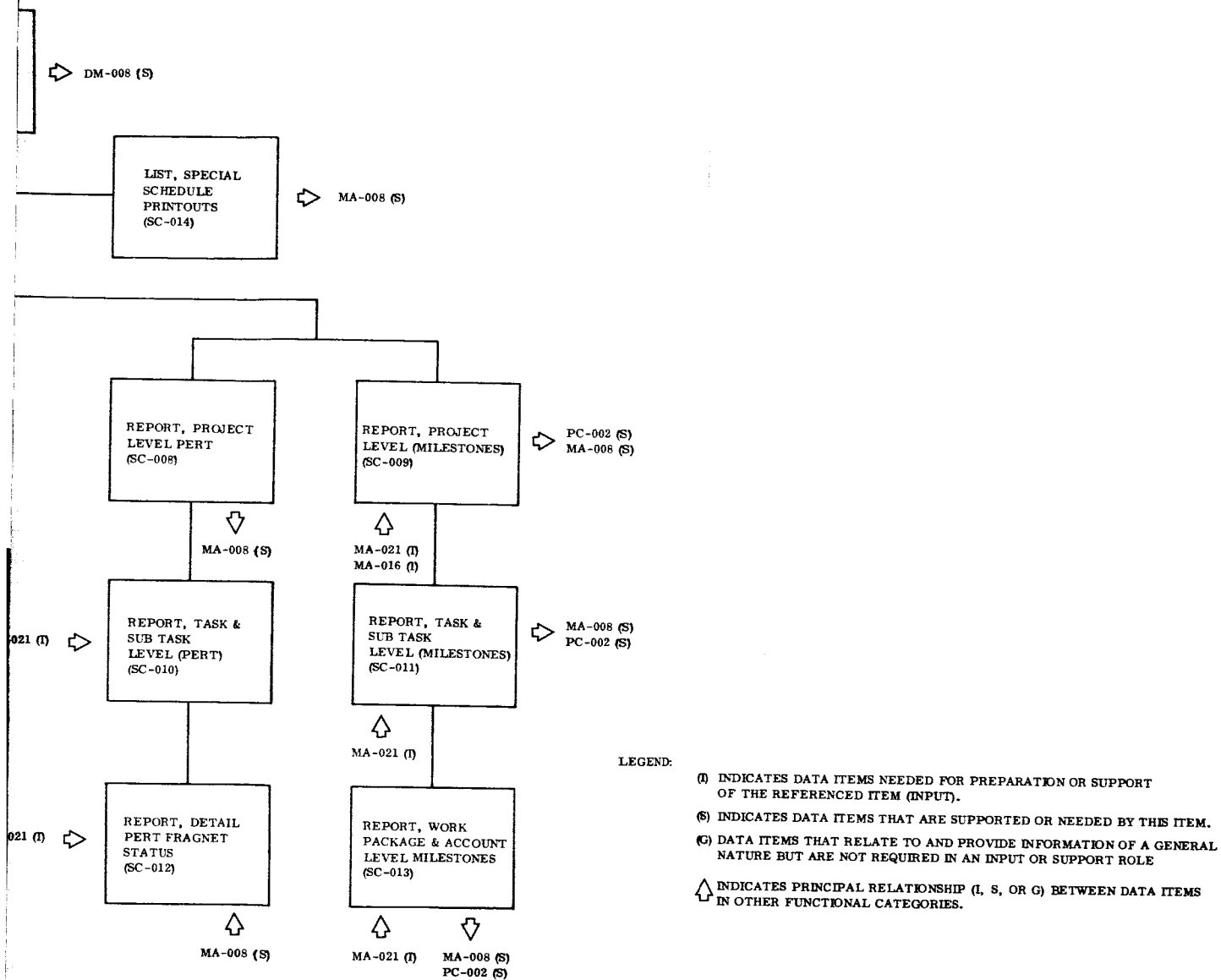


Figure I-4. Scheduling Documentation Relationship Tree (SC)

LEGEND:

- (I) INDICATES DATA ITEMS NEEDED FOR PREPARATION OR SUPPORT OF THE REFERENCED ITEM (INPUT).
- (S) INDICATES DATA ITEMS THAT ARE SUPPORTED OR NEEDED BY THIS ITEM.
- (G) DATA ITEMS THAT RELATE TO AND PROVIDE INFORMATION OF A GENERAL NATURE BUT ARE NOT REQUIRED IN AN INPUT OR SUPPORT ROLE
- △ INDICATES PRINCIPAL RELATIONSHIP (I, S, OR G) BETWEEN DATA ITEMS IN OTHER FUNCTIONAL CATEGORIES.

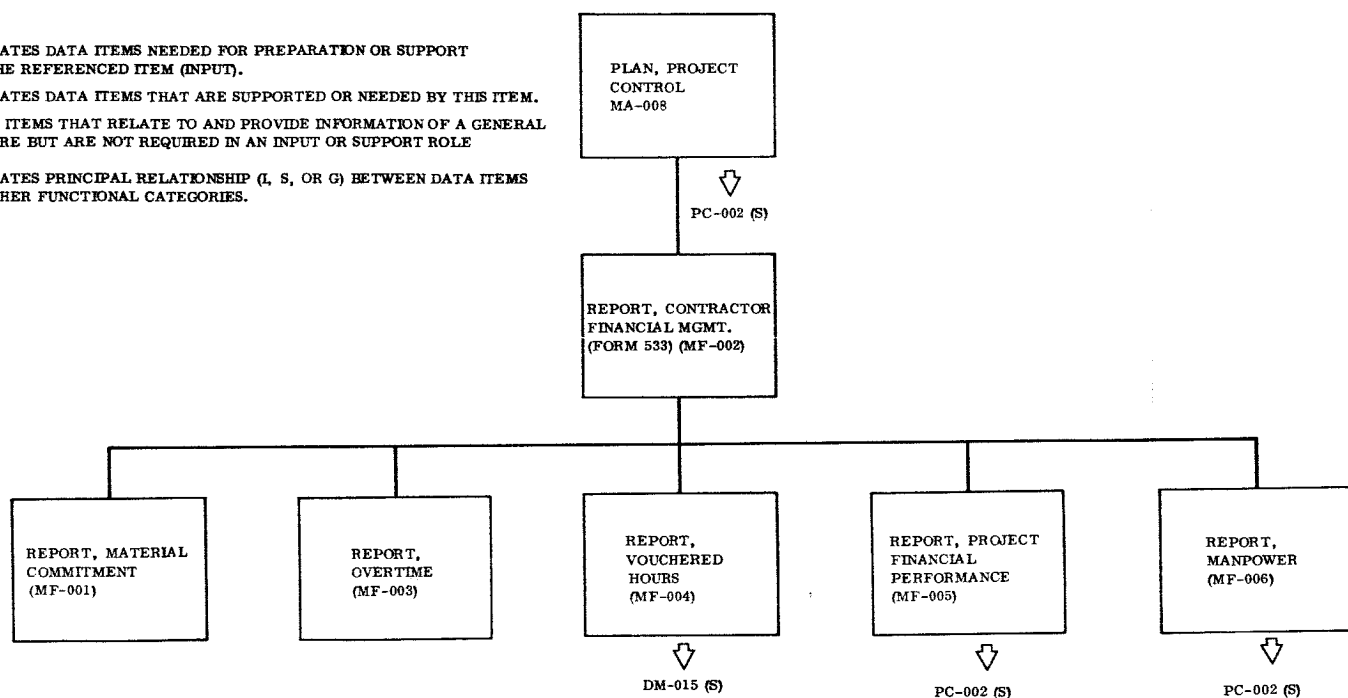


Figure I-5. Manning and Financial Documentation Relationship Tree (MF)

DATA ITEM PHASING/FREQUENCY

Frequency and phasing requirements for preparation of data items in the Overall Management category are shown in Figure I-6, Overall Management Data Item Phasing and Frequency Matrix. These estimates assume a Phase "C" start of 1 April 1968 and are based on the Data Item List of 15 December 1966.

Preparation of data items in this category begins at the start of Task "C" and shows an increase consistent with contract activity. Figure I-7, Management Data Item Density Profile, shows the distribution and density of data item preparation requirements in averages per month between each major review period.

Key informal data items constitute approximately one half of the total data requirement for this category.

Figure I-8, Scheduling Data Item Phasing and Frequency Matrix, shows the preparation and phasing requirements of data items in the scheduling functional category. As anticipated, data item preparation requirements within this category, as well as all other categories directly associated with project control and administration, begin at the start of Phase "C" and remain consistent throughout the contract period.

Figure I-9, Scheduling Data Item Density Profile, shows the density and distribution of requirements for data item preparation. Requirements are shown in averages per month between contract review periods. The relationship between "formal" and "key informal" data items is also shown.

Figure I-10, Manning and Financial Data Item Phasing and Frequency Matrix, reflects the phasing and frequency of preparation requirements of data items associated with the Manning and Financial function. Basis for these estimates are the Data Items List, 15 December 1966 and with a Task "C" start of 1 April 1968. As noted on the matrix, these requirements appear early after Task "C" start and form a consistent pattern throughout the life of the contract.

Figure I-11, Manning and Financial Data Items Density Profile, shows the distribution and density of requirements for data items preparation in averages per month, per major project review period.

Key informal data item requirements constitute approximately two-thirds of the total requirement for this category.

DATA ITEM TITLE	SDR			PDR			HDR			CDR		
	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL
<div> <div>OVERALL MANAGEMENT (MA)</div> <div> <div>PHASE C - SYSTEM DEFINITION</div> <div>7 Mo</div> </div> <div> <div>9 Mo</div> <div>S/C and OSE DESIGN</div> </div> <div> <div>12 Mo</div> <div>ENGR HDWE, FAB, ASSY, TEST</div> </div> <div> <div>PDR 2 Mo</div> <div>HDR 5 Mo</div> <div>CDR 4 Mo</div> </div> </div>												
DIRECTIVES												
MA-001 *Project Change Notice	50	A/R	50	50	A/R	50	50	A/R	50	50	A/R	50
MA-002 *Project Funding Instruction (PFI)	70	Mo	250	70	Mo	250	55	Mo	500	63	Mo	750
MA-003 Project Policies, Procdrs. and Directvs.	15	Mo	45	5	Mo	15	5	Mo	45	5	Mo	60
MA-004 *Departmt. Policies, Procdrs. & Directvs.	15	Mo	45	5	Mo	15	5	Mo	45	5	Mo	60
LISTS												
MA-005 List, Priority Action Items	1	Mo	4	1	Mo	3	1	Mo	9	1	Mo	12
MA-006 *List, Action Items	1	Wk	15	1	Wk	15	1	Wk	40	1	Wk	52
PLANS												
MA-007 Plan, Project Implementation	1	I	1	1	U	1	1	U	1	1	U	1
MA-008 Plan, Project Control	1	I	1	1	U	1	1	U	1	1	U	1
MA-009 Plan, Organization	1	I	1	1	U	1	1	U	1	1	U	1
MA-010 Plan, Project Communications	1	I	1	1	U	1	1	U	1	1	U	1
MA-011 Plan, Security	1	I	1	1	U	1	1	U	1	1	U	1
MA-012 Plan, Facility	1	I	1	1	U	1	1	U	1	1	U	1
MA-025 Plan, Contingency Operation	1	I	1	1	U	1	1	U	1	1	U	1
REPORTS												
MA-013 Report, Final Project				1	A/R	1	7	A/R	7	10	A/R	10
MA-014 *Report, Project Review												
MA-015 Report, Proj. Problem/Action (Red Flag)	1	S/M	7	1	S/M	7	1	S/M	18	1	S/M	24
MA-016 Report, Proj. Progress (Monthly)	1	Mo	4	1	Mo	3	1	Mo	9	1	Mo	12
MA-017 Report, Proj. Review Sched. & Agenda	1	Mo	4	1	Mo	4	1	Mo	9	1	Mo	12
MA-018 Report, Film	1	S/A	1	1	S/A	1	1	S/A	1	1	S/A	2
MA-019 Report, Quarterly, Written	1	Q	1	1	Q	1	1	Q	3	1	Q	4
MA-020 Report, Resources Rqmts/Avialability	1	Mo	4	1	Mo	3	1	Mo	9	1	Mo	12
MA-021 Report, Weekly Activity	1	Wk	15	1	Wk	15	1	Wk	40	1	Wk	52
MA-022 Report, Sched/Cost Coupling Summ. (Mnthly)	1	Mo	4	1	Mo	3	1	Mo	9	1	Mo	12
MA-023 *Report, Schedule/Cost Coupling	1	Wk	15	1	Wk	15	1	Wk	40	1	Wk	52
MA-024 Report, Contact	60	A/R	60	120	A/R	120	300	A/R	300	1000	A/R	1000
TOTALS			531			528			1141			2183

*Key Informal Data

A	Annual	O/T	One Time	I	Initial	CDR	Critical Design Rev
S/A	Semi-Annual	A/R	As Required	F	Final	FACI	First Article Config
WK	Weekly	U	Update	N/R	New and Revised	MAR	Mission Acceptance
MO	Monthly	I/U	One Update	SDR	System Design Review	J FACT	Joint Flight Acceptance
B/W	Bi-Weekly	DA	Daily	PDR	Preliminary Design Review		Composite Testing
B/M	Bi-Monthly	Q	Quarterly	HDR	Hard Design Review		

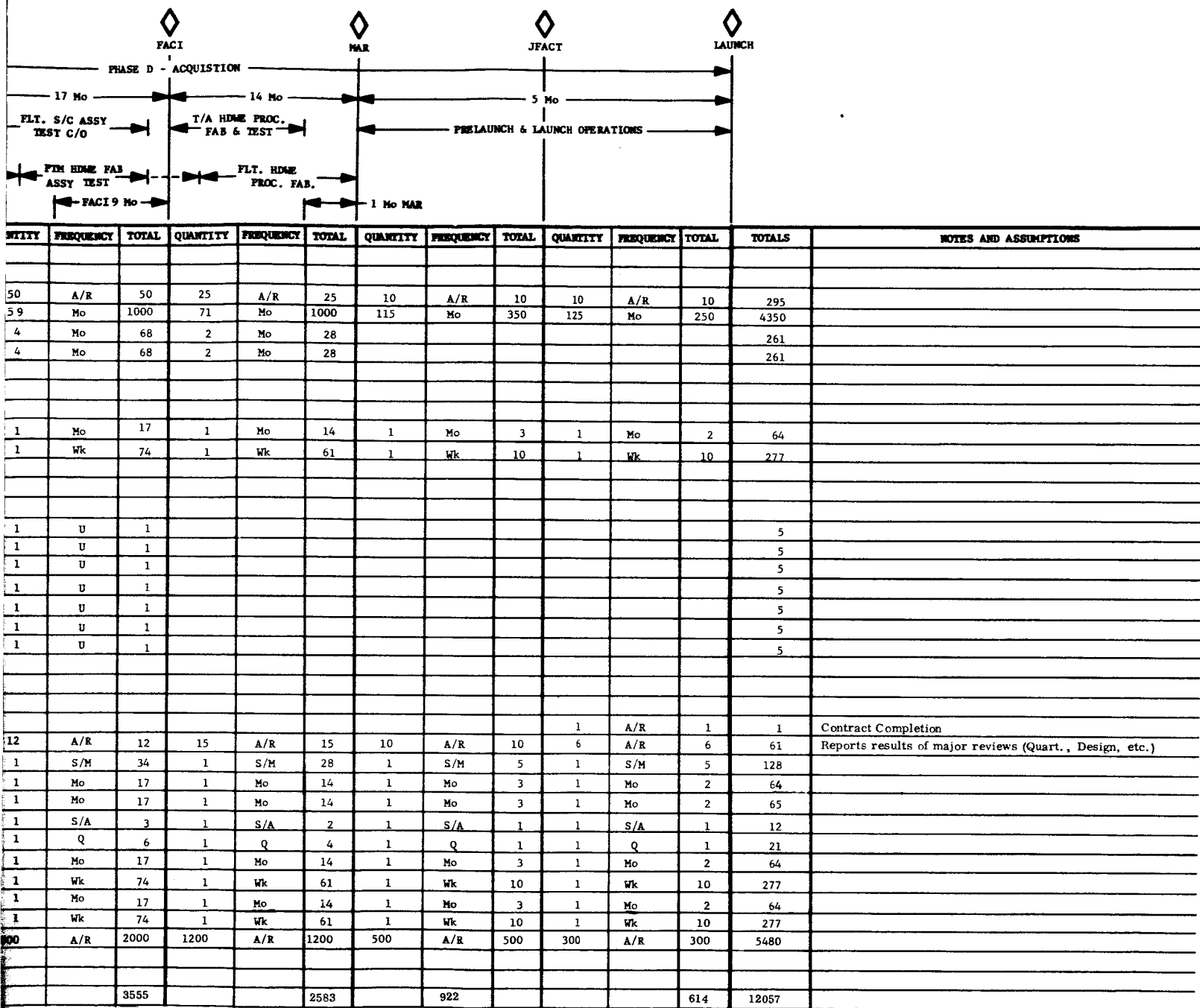


Figure I-6. Overall Management Data Item Phasing and Frequency Matrix

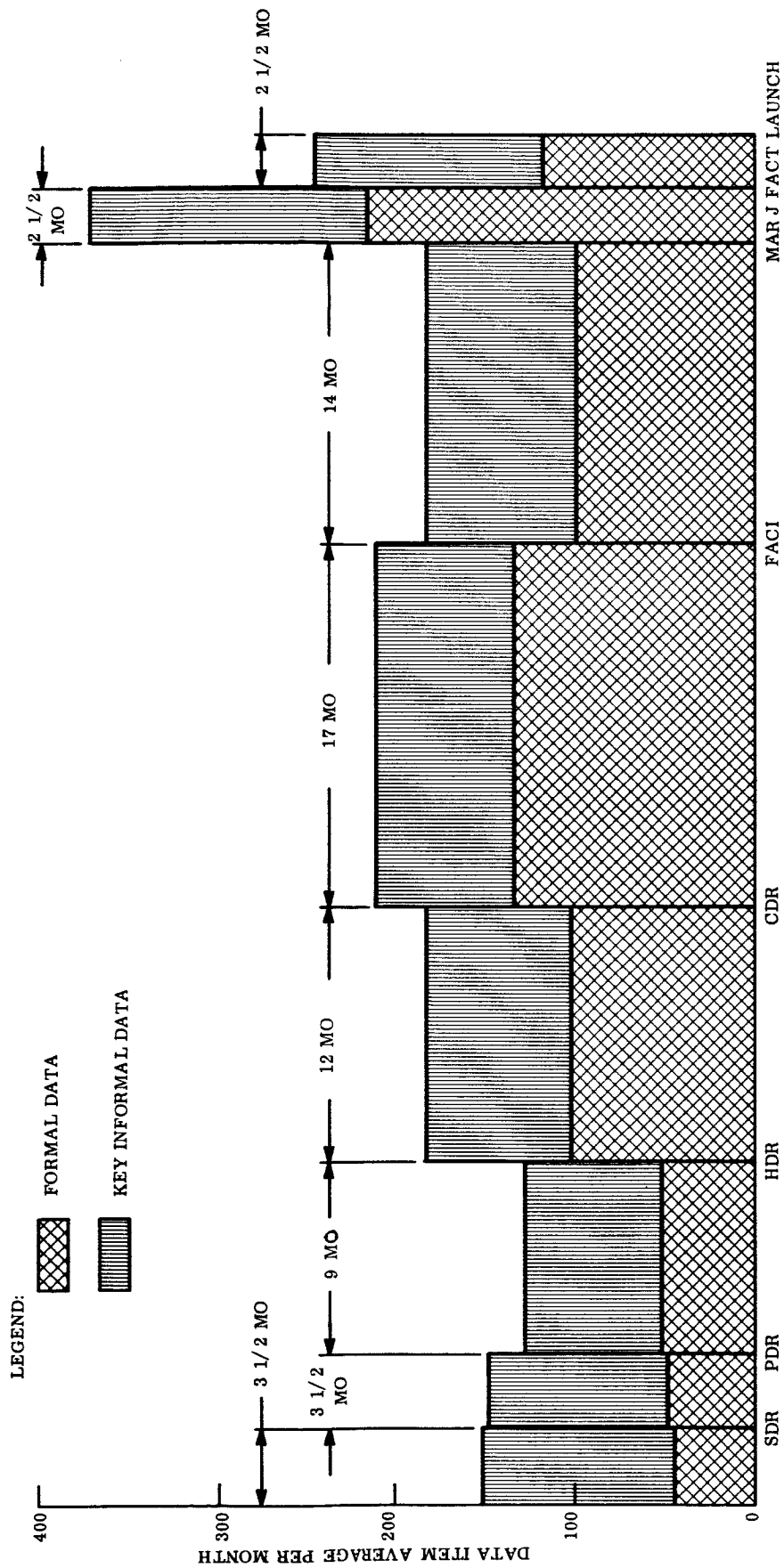
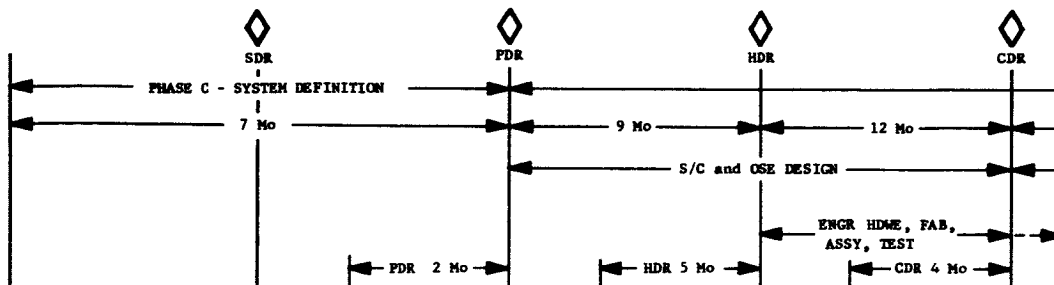


Figure I-7. Overall Management Data Item Density Profile

SCHEDULING

(SC)



DATA ITEM TITLE	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL
DIRECTIVES (SC)															
SC-001 *Schedule Change Request/Notice	15	A/R	15	15	A/R	15	40	A/R	40	50	A/R	50	50	A/R	50
LISTS															
SC-014 *List, Special Schedule Printouts	5	Wk	75	5	Wk	75	5	Wk	200	5	Wk	260	5	Wk	260
REPORTS															
SC-008 Report, Project Level PERT	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-009 Report, Project Level Milestones	1	WK	15	1	WK	15	1	WK	40	1	WK	52	1	WK	52
SC-010 Report, Task and Sub-Task Level PERT	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-011 Report, Task and Sub-Tsk Lvl Milestones	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-012 *Report, Detail PERT Fragnet Status	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-013 *Report, Work Package and Acct Level Mil.	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SCHEDULES															
SC-002 Schedule, Project Level (PERT)	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-003 Schedule, Project Level (Milestone)	1	I	1	1	Q	1	1	Q	3	1	Q	4	1	Q	4
SC-004 Schedule, Task and Sub-Task Level (PERT)	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-005 Schedule, Task & Sub-T. Level (Milestone)	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-006 *Schedule, Detail PERT Fragnets	1	B/W	7	1	B/W	7	1	B/W	20	1	B/W	26	1	B/W	26
SC-007 *Schedule, Work Package and Cost Account Level (Milestone)	1	W	15	1	W	15	1	W	40	1	W	52	1	W	52
TOTALS			184			184			503			652			652

*Key Informal Data

A	Annual	O/T	One Time	I	Initial	CDR	Critical Design Review
S/A	Semi-Annual	A/R	As Required	F	Final	FACI	First Article Configuration
WK	Weekly	U	Update	N/R	New and Revised	MAR	Mission Acceptance Review
MO	Monthly	I/U	One Update	SDR	System Design Review	J FACT	Joint Flight Acceptance Review
B/W	Bi-Weekly	DA	Daily	PDR	Preliminary Design Review		Composite Testing
B/M	Bi-Monthly	Q	Quarterly	HDR	Hard Design Review		

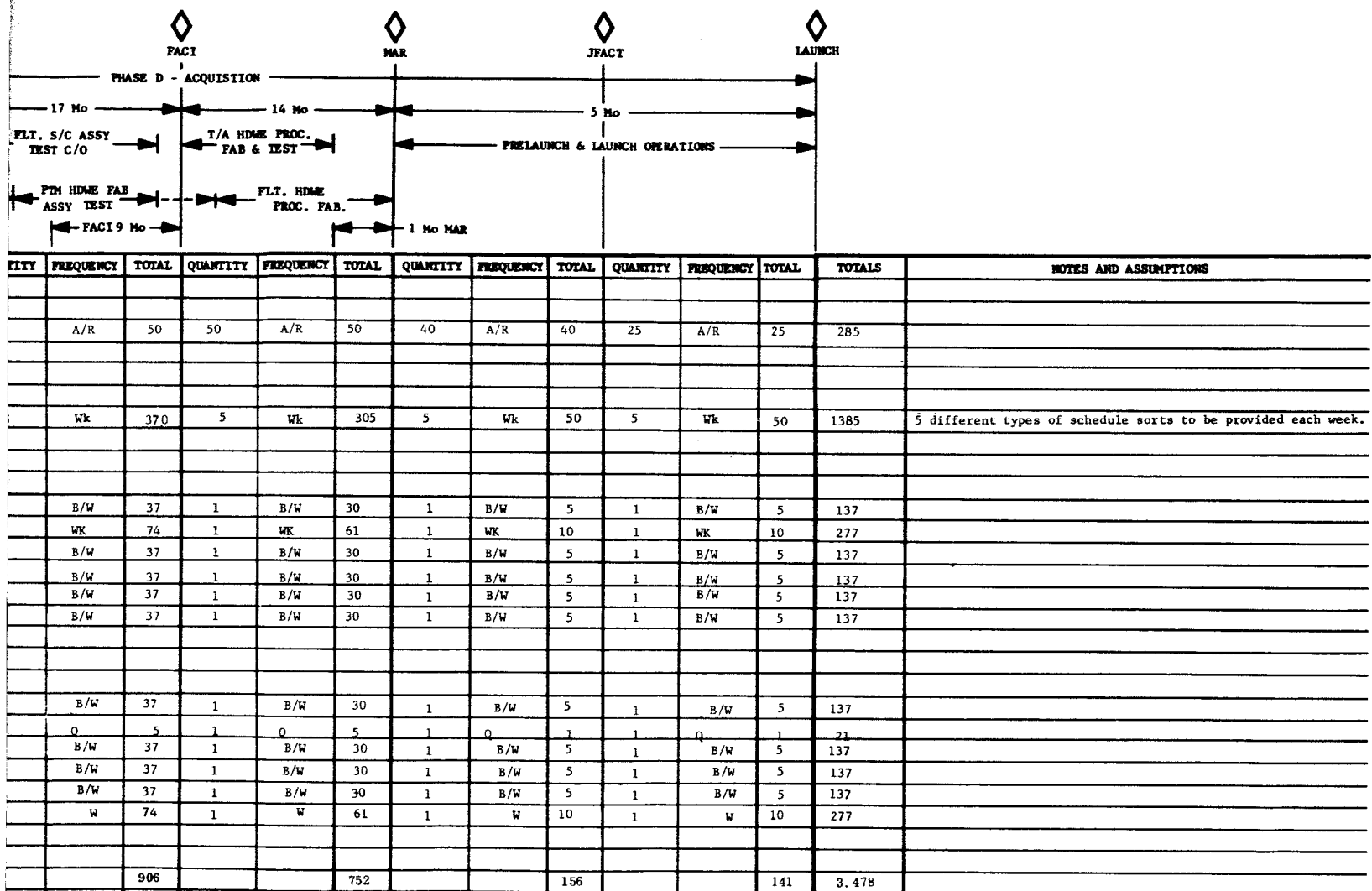


Figure I-8. Scheduling Data Item Phasing and Frequency Matrix

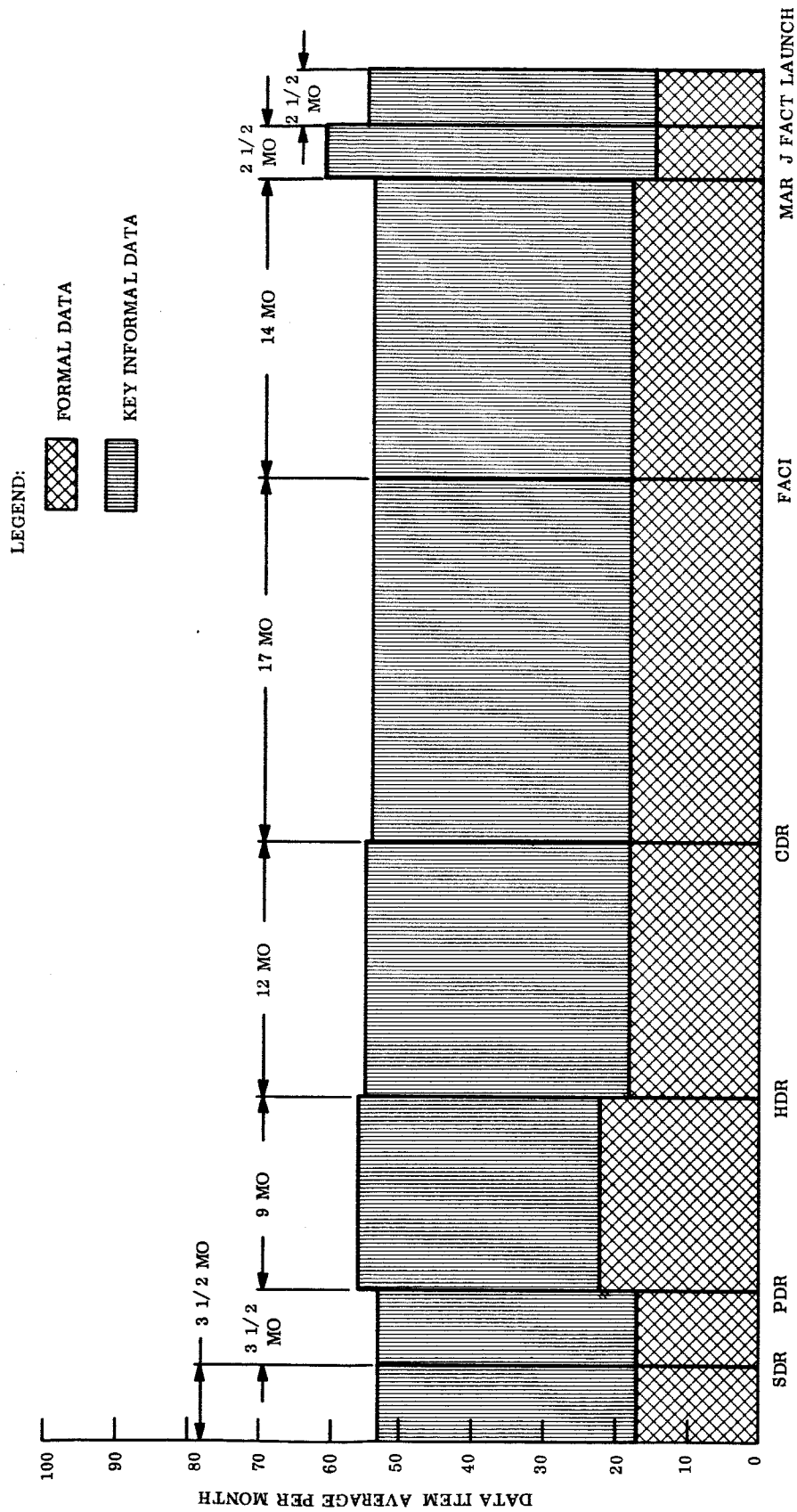


Figure I-9. Scheduling Data Item Density Profile

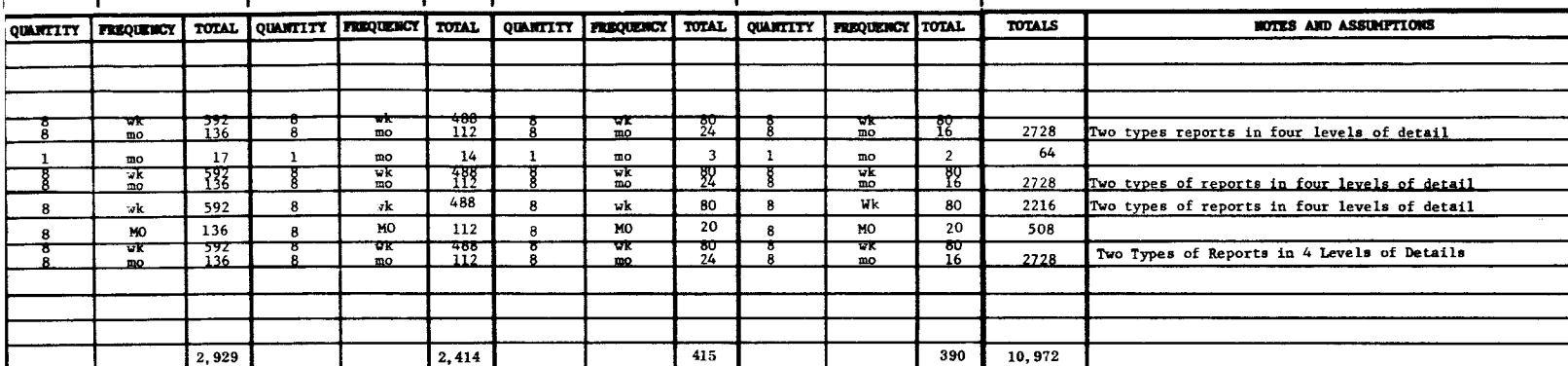
MANNING & FINANCE
(MF)

DATA ITEM
TITLE

	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL	QUANTITY	FREQUENCY	TOTAL
REPORTS												
MF-001 *Report, Material Commitment	8	wk	120	8	wk	120	8	wk	320	8	wk	416
MF-002 Report, Contractor Financial Mgt ^{FORM 533}	1	mo	3	1	mo	4	1	mo	9	1	mo	12
MF-003 Report, Overtime	8	wk	120	8	wk	120	8	wk	320	8	wk	416
MF-004 *Report, Vouchered Hours	8	mo	24	8	mo	32	8	mo	72	8	mo	96
MF-005 *Report, Project Financial Performance	8	wk	120	8	wk	120	8	wk	320	8	wk	416
MF-006 *Report, Manpower	8	mo	24	8	mo	32	8	mo	72	8	mo	96
TOTALS			581			642			1,577			2,060

*Key Informal Data

A	Annual	O/T	One Time	I	Initial	CDR	Critical Design
S/A	Semi-Annual	A/R	As Required	F	Final	FACI	First Article C
WK	Weekly	U	Update	N/R	New and Revised	MAR	Mission Accept
MO	Monthly	I/U	One Update	SDR	System Design Review	J FACT	Joint Flight Ac
B/W	Bi-Weekly	DA	Daily	PDR	Preliminary Design Review		Composite T
B/M	Bi-Monthly	Q	Quarterly	HDR	Hard Design Review		



6-12

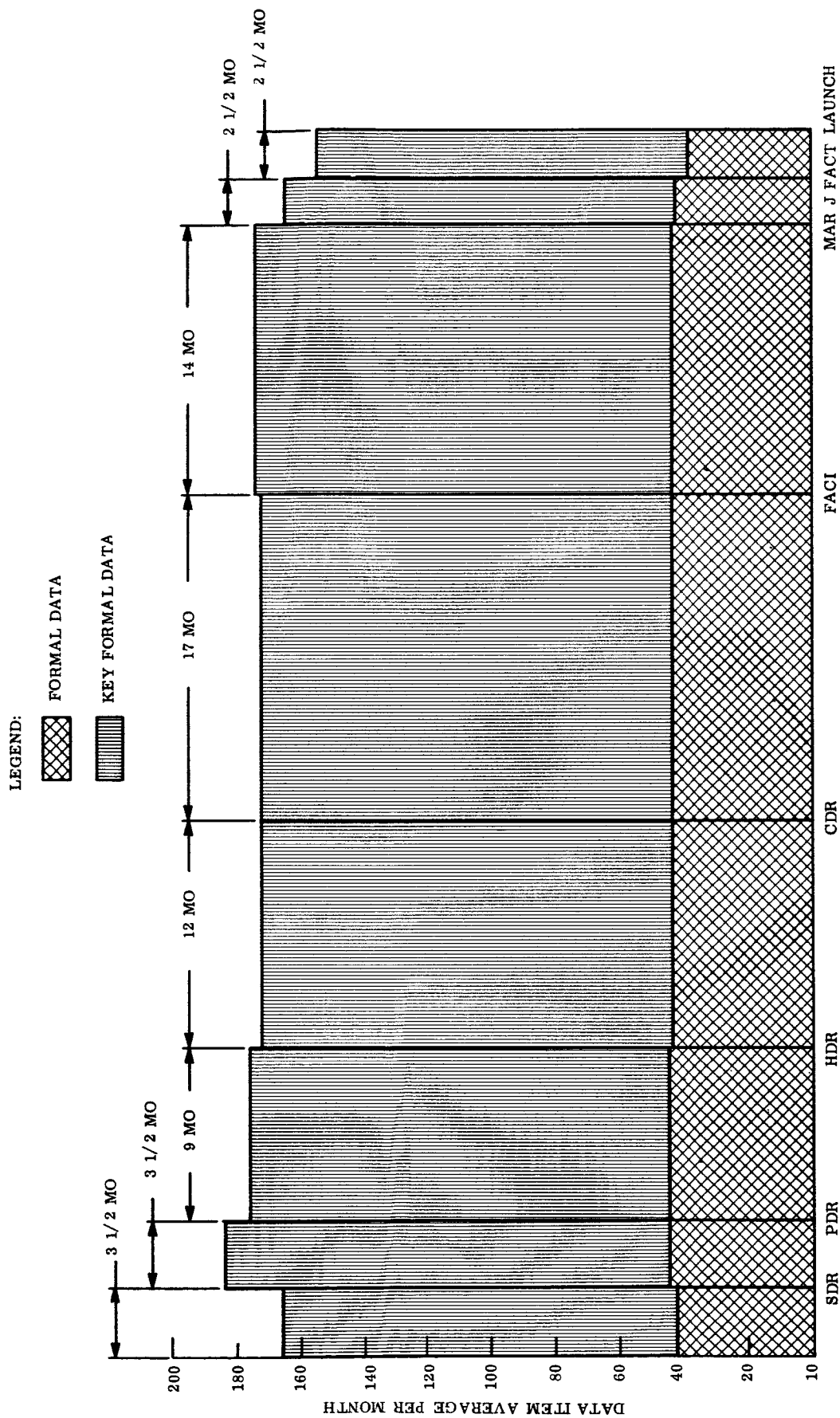


Figure I-11. Manning and Financial Data Item Density Profile